

6 April 2012

## The “A” Listing

The following is the sixty-seventh status listing (updated) of limestone sources which have been tested by KDOT as of the date of issuance of the list. The listing will be updated periodically. The most current information will be available at [www.ksdot.org](http://www.ksdot.org).

For your interpretation of the listing, the following may be of some assistance:

**QUARRY NUMBER** – The first number indicates the KDOT District in which the quarry is located. The second number indicates the county, which is also named in Column 3. The third number indicates the point-in-sequence of quarries sampled within that county. Hence, 4-67-2, would indicate the second quarry sampled in Neosho County, which is in the Fourth District. If the quarry is not in Kansas then the first two letters of the quarry number represent the state where the quarry is located, e.g. MO-12 would indicate the twelfth quarry sampled in Missouri.

**LEGAL DESCRIPTION, PARCEL** – Legend \* = “of”, + = “and”.

**BEDDING NUMBER, THICKNESS, GEOLOGICAL CLASSIFICATION** – KDOT Geologists determine the geologic classification and thickness of visually discernible beds within the quarry face. Numbering begins at the top and progresses downward, beds which are identified by capital letters have been added subsequent to the initial identification of beds and lie above bed number one. Letters begin with the first bed above bed number one and progress upward. Photographs and lithologic descriptions are on file in the Materials and Research Laboratory and District Headquarters Offices.

**PAVING CLASS** – The specification contains three paving classes – Class 0, Class 1, and Class 2. A “0” in the Paving Class Column indicates that the materials have failed to meet the requirements of Class 1 or Class 2. Class 2 Aggregate has more stringent requirements than Class 1. Refer to Section 1102 of the 2007 Standard Specifications for Class 1 and Class 2 requirements.

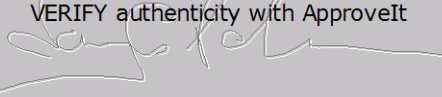
NOTICE: All quarries with no Class 1 or Class 2 Aggregate have been eliminated from the “A” List beginning with the forty-third listing.

This listing contains the current information at the time of publication. The Producer should be contacted concerning availability of Class 1 or Class 2 Aggregate and any restrictions placed on the quarry. Re-sampled ledges and failed production samples since the last listing was issued may not be reflected in this listing due to time requirements for testing.

Please review this list for any errors or updates that we may have missed. Contact the Engineer of Tests to make corrections. A current Official Quality for the specific beds listed must be on record before any aggregate may be used on a KDOT project. Please discard previous listings as they will not reflect the most recent test data and Paving Class. Once again, the most current version of the “A” Listing is available on the internet at [www.ksdot.org](http://www.ksdot.org).

Joshua A. Welge, P.E.  
Engineer of Tests

E-Signed by Larry C. Schroeder  
VERIFY authenticity with ApproveIt



Larry C. Schroeder, Ph.D., P.E.  
ENGINEER OF PHYSICAL TESTS

JAW:LCS

Attachments

# Kansas Department of Transportation

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Quarry #	Co.	Legal Description			Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
		Parcel	Sec	Twp														
1-003-02	AT	NW1/4	32	5S	20E	N.R. Hamm Quarry Inc.	800901											
							1	1.1	0	EVCK		0.140	0.60	15.51	5.86		86-0139	
							2	2.5	0	EVCK		0.116	0.85	8.83	3.03		86-0139	
							3	3.6	0	EVCK	94	0.018	0.95	4.76	2.79		86-0139	
							4	5.1	2	EVCK	98	0.005	0.95	5.52	6.12		86-0139	
							5	4.1	2	EVCK	97	0.007	0.85	5.50	7.02		86-0139	
1-022-01	DP	SW1/4	10	3S	22E	Herzog Contracting Corp.	802703											
							1	4.2	1	PLSM	95	0.023	0.92	11.64	3.02		82-1235	
							2	5.3	0	PLSM			0.70	18.69	5.46		82-1235	
							3	1.5	0	PLSM			0.81	21.49	5.1		82-1235	
							4	4	0	PLSM	86	0.053	0.94	9.84	3.21		82-1235	
1-022-02	DP	NW1/4	15	3S	22E	Herzog Contracting Corp.	802702											
							1	3.1	2	PLSM	99	0.007	0.97	5.69	2.27		88-4174	
							2	2.5	2	PLSM	99	0.009	0.93	7.59	2.86		88-4174	
							3	1.2	2	LVNR	100	0.009	0.94	8.59	1.36		88-4174	
							4	3.9	0	TRNT		0.109	0.83	15.35	2.37		88-4174	
							5	2	2	AMZN	100	0.011	0.90	6.58	1.63		88-4174	
							6	4.3	2	AMZN	100	0.009	0.95	2.32	1.51		88-4174	
							7	4.2	2	AMZN	100	0.007	0.93	2.82	2.61		88-4174	
1-022-03	DP	NW1/4	2	3S	22E	Ed Miller	802901											
							1	1.6	0	PLSM	88	0.041	0.84	8.31	2.73		89-0032	
							2	4.2	0	PLSM		0.127	0.76	12.68	4		89-0032	
							3	4.5	0	PLSM		0.104	0.70	21.39	4.94		89-0032	
							4	7.2	0	PLSM	88	0.027	0.86	6.12	4.6		89-0032	
							5	2.4	2	AMZN	99	0.005	0.86	5.28	1.97		89-0032	
							6	4.1	2	AMZN	99	0.007	0.93	2.05	1.76		89-0032	
							7	3.7	2	AMZN	99	0.007	0.94	3.46	1.54		89-0032	
1-023-01	DG	SE1/4	15	13S	21E	Hamm Quarries	800907											
							A	3.8	0	SNBD			0.79	12.01	1.9	39	07-0179	2/5/2007
							1	3	0	STNR	91	0.031	0.85	5.01	2.1	30	07-0180	2/5/2007
							2	3.5	1	STNR	96	0.020	0.95	3.12	0.8	28	07-0180	2/5/2007
							3	6	1	STNR	96	0.017	0.92	3.87	1.8	28	07-0180	2/5/2007
							4	4	0	STNR	93	0.029	0.97	5.49	1.9	27	07-0180	2/5/2007
							5	2	1	CPCK	96	0.014	0.96	2.41	2.7	30	07-0180	2/5/2007
							6	4.8	2	CPCK	99	0.009	0.93	1.21	2.9	29	07-0180	2/5/2007

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Quarry #	Co.	Parcel	Legal Description	Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
1-023-03	DG	NW1/4	14 15S 18E	Hunt-Martin Materials	800316												
						1	7.3	0	PLSM	92	0.033	0.94	5.23	2.3		82-2600	
						2	3.9	0	PLSM		0.111	0.90	8.84	3.7		82-2600	
						3	7.3	0	PLSM	90	0.040	0.91	6.24	3.58		82-2600	
						4	6	2	TRNT	98	0.011	0.88	4.36	5	34	02-0466	3/8/2002
						5	5.9	1	TRNT	95	0.011	0.92	4.60	5.4	49	02-0466	3/8/2002
1-023-04	DG	SE1/4*SW1/4	1 13S 18E	Hunt-Martin Materials	800306												
						A	6.5	0	KRFD			0.63	27.86	3.65	29	96-0498	3/4/1996
						1	5	0	PLSM			0.84	9.43	3.38	27	96-0498	3/4/1996
						2	4.9	0	PLSM			0.82	14.29	4.07	31	96-0498	3/4/1996
						3	8.4	0	PLSM		0.109	0.85	6.58	4.06	34	96-0498	3/4/1996
						4	2.6	0	LVNR	90	0.040	0.86	6.51	0.99	23	96-0498	3/4/1996
						5	5.4	1	TRNT	95	0.024	0.92	9.03	2.53	34	96-0498	3/4/1996
						6	5.4	0	TRNT	71	0.110	0.90	4.65	1.95	26	96-0498	3/4/1996
1-023-05	DG	SW1/4	35 13S 18E	Hamm Quarry Inc.	800909												
						1	5.3	2	PLSM	97	0.014	0.91	8.00	3.8	31	07-0178	2/5/2007
						2	4.6	0	PLSM			0.84	13.60	3.7	26	07-0178	2/5/2007
						3	7.5	0	PLSM			0.84	8.73	4.1	35	07-0178	2/5/2007
1-044-03	JF	NW1/4	20 8S 18E	Roy Baker Quarry, Inc.	803201												
						B	1.9	0	HRFD		0.205	0.62	17.02	7.23		88-4536	
						A	2.6	2	HRFD	100	0.010	0.94	7.99	3.85		88-4536	
						1	1.7	0	EVCK		0.147	0.43	12.39	4.26		88-4536	
						2	2.6	0	EVCK		0.109	0.92	8.46	2.25		88-4536	
						3	2.9	1	EVCK	96	0.011	0.92	8.61	3.12		88-4536	
						4	4.8	0	EVCK	94	0.013	0.77	6.20	4.3		88-4536	
						5	1.9	0	EVCK	64	0.080	0.83	8.22	3.73		88-4536	
1-044-05	JF		25 8S 16E	N.R. Hamm Quarry Inc.	800914												
						1	2.6	2	WKRS	100	0.009	0.86	11.80	3.41		90-5313	
						2	1.2	0	WKRS			0.77	18.40	4.37		90-5313	
						3	5.7	0	BLGM			0.76	12.00	5.98		90-5313	

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1-046-01	JO	SE1/4	18 14S 25E	Stanley Quarry, Reno Const. Co.	804001	1	11.4	0	ARGN	27	0.162	0.55	12.12	4.45		80-3480	
						2	19	0	ARGN	46	0.122	0.92	5.18	1.92		80-3480	
						3	5	0	ARGN	24	0.129	0.76	12.86	3.09		80-3480	
						4	4	0	ARGN	51	0.142	0.90	5.00	1.25		80-3480	
						5	11	2	ARGN	98	0.012	0.93	1.81	4.45		80-3480	
						6	3.3	0	ARGN		0.102	0.93	4.89	2.5		80-3480	
1-046-02	JO	NW1/4	6 13S 24E	Prairie Mining Co.		A	4.3	0	FRLY		0.120	0.71	14.90	3.18		80-3481	
						1	3.1	0	FRLY		0.147	0.83	8.00	2.3		80-3481	
						2	4.9	0	FRLY	94	0.024	0.95	2.51	1.54		80-3481	
						3	2.8	0	ARGN	93	0.046	0.95	3.23	1.68		80-3481	
						4	6	1	ARGN	96	0.022	0.89	1.50	2.16		80-3481	
						5	6	1	ARGN	98	0.020	0.94	1.95	2.02		80-3481	
						6	2.2	2	ARGN	99	0.009	0.95	1.21	2.29		80-3481	
						7	2	0	ARGN		0.120	0.85	3.99	1.94		80-3481	
1-046-05	JO	SW1/4	13 14S 22E	Reno Const. Co.	804004	1	8.8	0	STNR		0.122	0.89	4.59	2.61		81-0671	
						2	5.2	0	STNR	41	0.111	0.89	4.55	2		81-0671	
						3	3	0	STNR		0.127	0.95	4.59	1.51		81-0671	
						4	2.3	0	CPCK	74	0.071	0.94	3.19	2.51		81-0671	
						5	4.4	1	CPCK	95	0.017	0.95	1.00	2.94		81-0671	
1-046-07	JO	W1/2	9 14S 23E	Johnson County Aggregate	806701	1	4.7	0	STNR	55	0.124	0.92	4.51	1.8	30	04-4070	9/21/2004
						2	3.4	0	STNR	64	0.088	0.95	7.16	2	31	04-4070	9/21/2004
						3	6.3	0	STNR	78	0.057	0.92	6.03	2.4	29	04-4070	9/21/2004
						4	4.3	0	STNR	78	0.068	0.87	8.78	2.43		81-1119	
						5	1.4	1	CPCK	99	0.017	0.89	7.22	1.59		81-1119	
						6	1	2	CPCK	97	0.015	0.97	1.50	1.74		81-1119	
						7	3.6	0	CPCK	91	0.024	0.97	2.78	2.16		81-1119	
						8	3.1	0	SPGH		0.100	0.89	9.03	3.4		81-1119	
						9	4.6	0	SPGH	75	0.079	0.89	8.71	3.15		81-1119	
						10	4.1	2	SPGH	97	0.011	0.93	3.29	2.61		81-1119	
						11	14.4	0	FRLY	90	0.048	0.94	2.27	1.6	27	04-4072	9/21/2004
						12	5.8	2	ARGN	98	0.009	0.97	2.34	2	30	04-4072	9/21/2004
						13	12	0	ARGN	74	0.083	0.96	3.63	1.8	30	04-4072	9/21/2004

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1-046-08	JO			7	12S	24E	Shawnee Rock Co.	803702												
									4	2.9	2	ARGN	99	0.015	0.92	2.22	1.5	25	99-0778	3/29/1999
									5	9.8	2	ARGN	98	0.010	0.95	4.76	2	27	99-0778	3/29/1999
									6	4.2	0	ARGN	62	0.147	0.87	6.68	1.4	25	99-0778	3/29/1999
									7	2.1	0	FRSB			0.44	29.11	6.73	36	99-0778	3/29/1999
1-046-09	JO	E1/2*SW1/4+E1/2		1	12S	23E	APAC Shawnee	803701												
									A	8.1	0	UFRLY	54	0.107	0.97	2.11	2	27	04-3511	8/23/2004
									1	4.8	0	LFRLY	91	0.023	0.89	3.16	3.24	29	98-1019	9/14/2004
									2	4.2	0	LFRLY	93	0.017	0.95	6.27	1.66	30	98-1019	9/14/2004
									3	3.3	2	ARGN	98	0.011	0.99	1.48	3.99		81-2824	9/14/2004
									4	5.6	2	ARGN	99	0.006	0.96	3.25	1.92		81-2824	9/14/2004
									5	4.1	2	ARGN	98	0.010	0.98	6.71	1.9		81-2824	9/14/2004
									6	2.2	0	ARGN	79	0.072	0.88	7.55	2.02		81-2824	9/14/2004
									7	1.8	1	ARGN	98	0.016	0.96	6.84	1.63		81-2824	9/14/2004
									8	3.2	0	RYTN	45	0.271	0.85	16.69	2.7	29	06-3604	9/14/2006
									9	3.8	0	RYTN	44	0.159	0.85	8.89	1.8	27	06-3604	9/14/2006
									10	0.9	0	DRUM			0.80	17.26	2.5	29	06-3604	9/14/2006
									11	1.5	1	DRUM	95	0.010	0.98	3.92	1.3	27	06-3604	9/14/2006
									12	4.5	1	DRUM	96	0.013	0.91	4.76	2.3	30	06-3604	9/14/2006
									13	3	0	DRUM			0.72	16.42	2.6	29	06-3604	9/14/2006
1-046-10	JO	NW1/4		24	14S	24E	APAC Kansas, Reno	804002												
									E	4.6	0	FRLY			0.79	6.48	1.9	29	96-3131	7/24/1996
									D	6.1	1	FRLY	95	0.021	0.92	3.36	1.51	35	96-3131	7/24/1996
									C	4.8	0	FRLY	80	0.068	0.94	4.14	1.19	28	96-3131	7/24/1996
									B	2.7	0	FRLY		0.109	0.91	6.20	1.58	26	96-3131	7/24/1996
									A	6.9	0	FRLY			0.71	9.34	2.32	29	96-3131	7/24/1996
									1	7.4	0	ARGN	80	0.083	0.86	7.94	1.77		83-3559	
									2	12.1	0	ARGN		0.122	0.78	5.71	1.87		83-3559	
									3	7	0	ARGN	94	0.027	0.88	2.51	1.56		83-3559	
									4	4.4	2	ARGN	97	0.011	0.90	2.31	3.6		83-3559	
									5	4.1	2	ARGN	97	0.013	0.87	2.70	5.18		83-3559	
									6	5.4	2	ARGN	99	0.007	0.94	2.05	3.75		83-3559	
									7	3.6	0	ARGN		0.116	0.81	15.19	3.58		83-3559	

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Co.	Parcel	Sec Twp Rng													
1-046-11	JO	N1/2	9 13S 22E	Hunt-Martin Materials	803501										
						1	6.8	0	SPGH	77	0.057	0.95	10.94	2.6	28 05-1209 4/21/2005
						2	4	0	SPGH	92	0.025	0.91	3.86	5	30 05-1209 4/21/2005
						3	3.6	1	SPGH	96	0.013	0.96	3.37	3.6	35 05-1209 4/21/2005
						4	1.7	0	MRRM	69	0.092	0.92	6.86	2.5	27 05-1209 4/21/2005
						5	3.3	2	UFRLY	99	0.005	0.96	1.06	1.67	23 94-2268 8/1/2003
						6	8.7	2	UFRLY	99	0.004	0.97	1.60	2.16	28 94-2268 8/1/2003
						7	1.7	2	UFRLY	98	0.014	0.95	9.99	1.9	29 94-2268 8/1/2003
						8	4.7	0	LFRLY	94	0.026	0.94	3.64	1.2	25 94-2268 8/1/2003
						9	5	0	LFRLY			0.81	8.70	3.26	31 94-2268 8/1/2003
						10	5	0	ARGN			0.83	8.26	2.71	31 94-2268 8/1/2003
						11	6	2	ARGN	99	0.006	0.95	2.30	3.13	32 94-2268 8/1/2003
						12	18	0	ARGN			0.82	34.24	3.87	24 94-2268 8/1/2003
1-046-12	JO	W1/2*SW1/4	1 12S 23E	Shawnee Rock Co.	804601										
						1	6	2	UFRLY	97	0.013	0.92	2.70	2.74	84-4223 6/3/2003
						2	6.6	1	LFRLY	97	0.018	0.91	4.43	2.41	84-4223 6/3/2003
						3	3	2	ARGN	98	0.013	0.97	1.67	2.3	84-4223 6/3/2003
						4	10	1	ARGN	97	0.018	0.95	4.94	1.81	84-4223 6/3/2003
1-046-13	JO	SW1/4	3 14S 23E	Shawnee Rock Co.	19400										
						1	1.9	1	CPCK	96	0.016	0.94	4.36	1.98	23 93-4579 11/4/1993
						2	5	0	CPCK	79	0.062	0.96	4.96	1.89	21 93-4579 11/4/1993
						3	1.4	0	SPGH	94	0.022	0.89	2.90	2.1	25 93-4579 5/5/1995
						4	5.8	0	SPGH			0.79	12.96	3.94	30 93-4579 5/5/1995
						5	3.1	0	SPGH			0.82	7.65	2.9	29 93-4579 5/5/1995
						6	4.4	0	SPGH	71	0.128	0.87	12.08	2.74	27 93-4579 5/5/1995
						7	1.6	0	SPGH	91	0.015	0.87	4.59	3.63	29 93-4579 5/5/1995
						8	5.2	0	SPGH		0.140	0.85	13.15	2.44	28 93-4579 5/5/1995
						10	5	0	FRLY	86	0.038	0.87	2.59	1.52	24 93-4579 8/31/1995
						11	6.3	0	FRLY	78	0.050	0.87	2.89	1.69	27 93-4579 8/31/1995
						12	8.1	0	FRLY			0.84	7.91	2.76	30 93-4579 8/31/1995
						13	2.4	2	FRLY	97	0.009	0.86	9.61	2.87	36 93-4579 8/31/1995
						14	5	2	ARGN	98	0.012	0.94	2.64	1.82	34 96-3900 8/29/1996
						15	8.9	0	ARGN		0.104	0.86	3.88	1.86	26 96-3900 8/29/1996
						16	3.7	0	ARGN		0.122	0.88	4.97	1.77	31 96-3900 8/29/1996
						17	6.9	0	ARGN			0.72	2.22	2.04	28 96-3900 8/29/1996

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Co.	Parcel	Sec Twp Rng													
1-046-14	JO	NE1/4	16 14S 23E	Olathe Aggregate Co.	831101										
						1	3.9	0	STNR		0.117	0.92	6.12	2.01	27 94-0344 2/10/1994
						2	6	0	STNR	73	0.091	0.93	4.70	2.18	27 94-0344 2/10/1994
						3	6.5	0	STNR	76	0.054	0.94	5.03	2.34	29 94-0344 2/10/1994
						5	2	0	CPCK	84	0.034	0.92	2.45	2.9	24 94-0344 12/27/1995
						6	4.9	0	CPCK	61	0.116	0.91	6.34	2.7	25 94-0344 12/27/1995
						7	4	0	SPGH	77	0.092	0.94	8.32	3.5	29 96-3899 8/29/1996
						8	3.3	0	SPGH		0.129	0.93	14.35	2.24	33 96-3899 8/29/1996
						9	4.6	0	SPGH		0.122	0.88	6.17	4.02	35 96-3899 8/29/1996
						10	4	0	SPGH		0.104	0.87	7.66	3.56	26 96-3899 8/29/1996
						11	1.4	0	SPGH	79	0.092	0.94	4.85	2.18	26 96-3899 8/29/1996
						12	4	1	FRLY	96	0.025	0.92	1.64	1.39	25 97-2114 6/5/1997
						13	3.3	0	FRLY	94	0.022	0.96	3.54	1.71	27 97-2114 6/5/1997
						14	5.4	0	FRLY			0.83	1.84	1.99	28 97-2114 6/5/1997
1-046-16	JO	NW1/4	16 14S 23E	APAC Kansas	803903										
						1	4.6	0	STNR	58	0.082	0.90	6.81	3	29 09-2642 6/9/1998
						2	5	0	STNR	84	0.045	0.97	4.14	1.5	28 09-2642 6/9/1998
						3	8.8	0	STNR	78	0.041	0.92	5.86	2.6	30 09-2642 6/9/1998
1-046-17	JO	NW1/4	7 12S 24E	Shawnee Rock Co.	803702										
						3	1.3	0	WESV			0.69	17.77	3	27 00-4110 9/27/2000
						4	6.9	0	WESV	72	0.147	0.87	7.03	2.1	25 00-4110 9/27/2000
1-046-19	JO	NW1/4*SW1/4	6 12S 24E	Shawnee Rock Co.	803707										
						1	9.3	2	UFRLY	98	0.009	0.95	3.63	2	24 00-0968 4/4/2000
						2	9.8	0	LFRLY			0.81	7.77	0.2	24 00-0968 4/4/2000
						3	1.8	2	ARGN	99	0.013	0.96	3.12	1.5	27 00-0968 4/4/2000
						4	10.3	2	ARGN	99	0.010	0.96	12.63	1.8	25 00-0968 4/4/2000
						5	6	0	ARGN			0.63	12.21	3.5	30 00-0968 4/4/2000
						6	3.8	2	FRSB	99	0.014	0.98	2.43	1.2	26 00-0968 4/4/2000

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## The "A" Listing

Quarry #	Legal Description	Material Source	Producer ID	Thickness	Pav't	Geology	DF	% Exp	Mod	A I	% Abs	Wear	Lab #	Last
Co.	Parcel	Sec Twp Rng	Bed	(Feet)	Class	Class			F T			GD B		Visit
1-046-20	JO	NE1/4	12 12S 23E	Shawnee Rock Co.										
			1	4.8	0	LFRLY	91	0.023	0.89	3.16	3.24	29	98-1019	9/14/2004
			2	4.2	0	LFRLY	93	0.017	0.95	6.27	1.66	30	98-1019	9/14/2004
			3	3.3	2	ARGN	98	0.011	0.99	1.48	3.99		81-2824	9/14/2004
			4	5.6	2	ARGN	99	0.006	0.96	3.25	1.92		81-2824	9/14/2004
			5	4.1	2	ARGN	98	0.010	0.98	6.71	1.9		81-2824	9/14/2004
			6	2.2	0	ARGN	79	0.072	0.88	7.55	2.02		81-2824	9/14/2004
			7	1.8	1	ARGN	98	0.016	0.96	6.84	1.63		81-2824	9/14/2004
			8	2	2	RYTN	100	0.001	0.96	8.76	1.83		81-2824	9/14/2004
			9	4	2	RYTN	97	0.014	0.87	12.17	2.71		81-2824	9/14/2004
			10	0.9	0	DRUM			0.70	14.10	2.6	24	81-2824	9/14/2004
			11	1.5	2	DRUM	98	0.014	0.88	6.00	1.73	23	81-2824	9/14/2004
			12	5	0	DRUM			0.77	10.70	1.67	24	81-2824	9/14/2004
			13	1.8	0	DRUM			0.73	12.10	2.36	22	81-2824	9/14/2004
1-052-01	LV	NE1/4	13 12S 22E	Loring Quarry	804901									
			1	3.5	2	SPGH	97	0.012	0.93	9.00	1.83		81-0083	
			2	6	0	SPGH	29	0.287	0.77	14.13	3.11		81-0083	
			3	7	0	SPGH	19	0.155	0.82	9.84	3.28		81-0083	
			4	5.2	0	SPGH	47	0.167	0.93	4.29	2.56		81-0083	
			5	3.3	0	SPGH	44	0.178	0.83	11.00	5.61		81-0083	
			6	4	2	MRRM	97	0.008	0.95	6.00	3.35		81-0083	
			7	8	0	FRLY	94	0.017	0.98	2.86	2.97		81-0083	
			8	7	0	FRLY	94	0.031	0.92	1.53	2.44		81-0083	
			9	2	0	FRLY	51	0.147	0.93	7.85	2.82		81-0083	
			10	5.5	0	FRLY	33	0.122	0.89	8.47	2.76		81-0083	
			11	2	0	ARGN	63	0.133	0.96	3.26	0.96		81-0083	
			12	4.7	2	ARGN	98	0.007	0.97	1.90	2.92		81-0083	
			13	6	0	ARGN	78	0.042	0.94	8.19	3.05		81-0083	
			14	5.8	0	ARGN	91	0.028	0.97	3.43	2.31		81-0083	
			15	6	0	ARGN	32	0.131	0.79	38.05	6.05		81-0083	
			16	7	0	ARGN	14	0.093	0.74	24.50	4.55		81-0083	
1-052-03	LV	NW1/4	23 12S 21E	N.R. Hamm Quarry Inc.	800942									
			1	7	2	STNR	98	0.005	0.94	3.02	1.75		81-0930	
			2	6.5	0	STNR	93	0.009	0.90	4.90	2.19		81-0930	



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Quarry #	Co.	Parcel	Sec	Twp	Rng	Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
1-052-06	LV	SW1/4	7	8S	21E	N.R. Hamm Quarry Inc.	800921												
								1	4.8	0	PLSM			0.72	14.00	4.06		90-5143	
								2	6.7	0	PLSM			0.78	24.20	5.1		90-5143	
								3	8.3	2	PLSM	100	0.006	0.94	7.80	3.01		90-5143	
1-056-01	LY	E1/2*NW1/4	3	21S	13E	APAC-Kansas, Shears Division	801928												
								C	1.4	0	CURZ		0.129	0.91	5.26	4.1	26	93-4877	8/16/1993
								B	2.4	0	CURZ			0.77	10.72	3.79	27	93-4877	8/16/1993
								A	5.4	0	CURZ			0.73	19.85	3.43	29	93-4877	8/16/1993
								1	3.7	0	HRFD	66	0.085	0.92	2.92	2.19	29	93-4877	11/30/1993
								2	6	2	HRFD	99	0.004	0.93	0.94	2.67	34	93-4877	11/30/1993
								3	1.6	2	HRFD	99	0.002	0.97	1.75	2.72	32	93-4877	11/30/1993
1-056-02	LY	SE1/4	3	21S	13E	APAC-Kansas, Shears Division	801927												
								1	2.6	0	HRFD			0.81	2.70	2.57	29	92-0870	
								2	3.6	0	HRFD			0.84	1.20	1.98	27	92-0870	
								3	5.9	2	HRFD	98	0.008	0.91	1.70	2.09	29	92-0870	
1-056-08	LY	E1/2*SW1/4	3	21S	13E	APAC Shears	801933												
								1	5.1	1	HRFD	96	0.022	0.97	4.25	2.1	30	03-5279	12/3/2003
								2	3.2	2	HRFD	98	0.014	0.89	0.86	1.7	28	03-5279	12/3/2003
								3	5	2	HRFD	98	0.010	0.96	0.69	2	32	03-5279	12/3/2003
1-070-03	OS	SW1/4	30	17S	15E	J. H. Shears' Sons, Inc.													
								1	2.1	0	HRFD		0.133	0.62	13.92	3.56		86-2899	7/28/1986
								2	2.3	0	HRFD		0.142	0.83	9.13	2.77		86-2899	7/28/1986
								3	6.3	1	HRFD	97	0.018	0.96	1.91	1.87		86-2899	7/28/1986
1-070-04	OS	SW1/4	34	17S	16E	N.R. Hamm Quarry Inc.	800931												
								1	2.5	1	PLSM	98	0.021	0.97	5.16	1.3	32	04-0456	3/10/2004
								2	5	0	PLSM	94	0.026	0.98	4.08	2.7	33	04-0456	3/10/2004
								3	6.1	2	PLSM	97	0.012	0.97	5.95	3.6	31	04-0456	3/10/2004
								4	7	2	PLSM	97	0.013	0.97	3.81	2.4	34	04-0456	3/10/2004
1-070-07	OS	SW1/4	25	18S	16E	Harshman Construction, L.L.C.	801512												
								1	7.4	2	PLSM	99	0.011	0.92	6.02	1.87	22	96-1448	5/1/1996
								2	6.1	2	PLSM	98	0.007	0.88	4.57	2.2	26	96-1448	5/1/1996
								3	4.8	0	PLSM	90	0.026	0.87	5.02	3.7	38	96-1448	5/1/1996

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## The "A" Listing

Quarry #	Legal Description				Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
	Co.	Parcel	Sec	Twp Rng														
1-070-08	OS	S1/2*NW1/4	16	18S 16E	Hunt-Martin Materials	802441												
							1	7.5	0	KRFD	96	0.028	0.96	3.08	1.3	23	99-0477	2/26/1999
							2	6	1	KRFD	95	0.014	0.96	2.31	2.5	37	99-0477	2/26/1999
							3	7.5	0	KRFD			0.78	17.94	3.63	26	99-0477	2/26/1999
							4	7.2	0	KRFD	76	0.133	0.89	11.72	2.5	26	99-0477	2/26/1999
							5	4.1	0	KRFD			0.80	12.59	2.9	30	99-0477	2/26/1999
1-070-10	OS	NE1/4	21	15S 16E	Mid-States Materials, L.L.C.	843502												
							1	6	2	EVCK	99	0.012	0.97	4.51	1.4	27	04-3625	8/31/2004
							2	5.1	2	EVCK	99	0.009	0.94	5.42	2.8	30	04-3625	8/31/2004
							3	6.4	0	AVOCA	37	0.194	0.91	8.23	2	30	07-2232	7/12/2007
1-070-11	OS	NW1/4	21	15S 16E	Mid-States Materials, L.L.C.	843503												
							1	6	2	EVCK	99	0.012	0.97	4.51	1.4	27	04-3625	8/31/2004
							2	5.1	2	EVCK	99	0.009	0.94	5.42	2.8	30	04-3625	8/31/2004
							3	1.6	2	RKBF	97	0.009	0.98	8.26	0.8	24	08-0091	1/23/2008
							4	6.4	0	AVOCA	37	0.194	0.91	8.23	2	30	07-2232	7/12/2007
1-075-01	PT	SW1/4	11	7S 7E	N.R. Hamm Quarry Inc.	800935												
							1	3.3	0	TWND	92	0.024	0.90	5.57	2.7		83-3693	
							2	6.1	1	TWND	96	0.020	0.96	10.37	2.93		83-3693	
1-075-02	PT	N1/2+SE1/4	10	7S 10E	N.R. Hamm Quarry Inc.	800933												
							1	3.1	2	NEVA	100	0.015	0.88	13.60	3.26		90-3778	4/30/2004
							2	3.3	0	NEVA			0.82	11.20	3.75		90-3778	4/30/2004
							3	3.2	2	NEVA	99	0.008	0.91	6.00	3.17		90-3778	4/30/2004
1-081-01	RL	SE1/4 W1/2	29 33	10S 9E 10S 9E	Martin-Marietta													
							1	5.7	2	TRKO	99	0.009	0.87	15.53	3.19		82-2526	
							2	1.2	2	TRKO	99	0.011	0.87	8.08	3.49		82-2526	
							3	2.4	2	TRKO	99	0.015	0.97	2.52	1.45		82-2526	
							4	3	2	TRKO	99	0.015	0.91	4.73	1.69		82-2526	
1-081-03	RL	NW1/4	29	6S 5E	N.R. Hamm Quarry Inc.	800936												
							1	4.1	2	TWND	100	0.006	0.92	12.20	3.43		90-3779	
							2	1.3	2	TWND	99	0.007	0.91	9.00	2.74		90-3779	
							3	3	2	TWND	100	0.007	0.93	5.70	1.89		90-3779	

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## The "A" Listing

Quarry #	Co.	Parcel	Sec	Twp	Rng	Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
1-081-04	RL	S1/2	28	10S	9E	Bayer Construction Co., Inc.	801808												
								1	3.7	0	TRKO			0.73	15.76	3.41	34	92-5116	
								2	1.8	0	TRKO			0.83	16.47	3.04	31	92-5116	
								3	3.8	2	TRKO	98	0.011	0.90	2.45	2.28	24	92-5116	
1-081-05	RL	SW1/4 SE1/4 NW1/4, S3, T-11-S, R-9-E	34 33	10S	9E	Bayer Construction Co., Inc.	802442												
								1	2.7	2	TRKO	100	0.008	0.93	18.10	3.38	29	95-0198	7/17/2001
								2	3.5	2	TRKO	100	0.008	0.89	12.36	3.47	33	95-0198	7/17/2001
								3	1.2	2	TRKO	98	0.011	0.91	10.52	2.87	32	95-0198	7/17/2001
								4	2.9	2	TRKO	98	0.007	0.91	2.49	2.86	39	95-0198	7/17/2001
								5	3.2	2	TRKO	99	0.006	0.87	4.66	3.51	37	95-0198	7/17/2001
1-081-06	RL	NW1/4	4	11S	9E	Martin-Marietta	802445												
								1	4.4	2	TRKO	99	0.010	0.86	17.82	3	29	00-4466	10/17/2000
								2	2	0	TRKO			0.67	24.70	4	34	00-4466	10/17/2000
								3	6.5	2	TRKO	98	0.007	0.95	3.89	1.9	31	00-4466	10/17/2000
1-081-07	RL	NE1/4	33	10S	9E	Bayer Construction Co., Inc.	843101												
								1	5	2	TRKO	99	0.014	0.93	2.92	2.3	28	04-0336	2/23/2004
								2	6.5	2	TRKO	98	0.017	0.99	13.82	1.2	28	04-0336	2/23/2004
1-089-02	SN	NE1/4	11	10S	15E	N.R. Hamm Quarry Inc.	800944												
								1	2.3	1	BLGM	99	0.020	0.93	8.14	1.92		82-2527	
								2	2.1	2	BLGM	99	0.015	0.99	2.67	1.85		82-2527	
								3	2.1	2	BLGM	99	0.013	0.95	4.90	1.84		82-2527	
1-089-06	SN	SE1/4	15	10S	15E	N.R. Hamm Quarry Inc.	800938												
								1	4.1	2	BLGM	99	0.014	0.90	3.25	1.2	23	99-0942	8/28/2000
								2	4	1	BLGM	98	0.019	0.94	0.83	1.92	24	99-0942	8/28/2000
								3	1.8	1	BLGM	99	0.018	0.89	5.40	1.58	22	91-4284	
1-105-01	WY		27	11S	24E	Thompson Strauss Qu.													
								1	5.4	1	BFLS	96	0.015	0.94	2.02	1.11		81-0084	
								2	4.7	0	BFLS	57	0.127	0.88	5.07	2.34		81-0084	
								3	4	0	BFLS	94	0.013	0.94	4.06	2.18		81-0084	

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Quarry #	Co.	Parcel	Legal Description	Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
1-105-02	WY	W1/2	21 11S 23E	APAC Bonner	806601	A	4.5	1	CPCK	96	0.017	0.92	5.68	1.46	23	96-0627	3/12/1996
						1	4.4	0	SPGH	76	0.130	0.92	8.62	2.99	26	94-0607	5/14/1996
						2	5.6	1	SPGH	96	0.007	0.96	3.20	2.25	26	94-0607	5/14/1996
						3	1.9	0	SPGH		0.102	0.90	4.88	2.14	25	94-0607	5/14/1996
						4	8.6	0	MRRM	82	0.064	0.92	8.71	3.55	28	94-0607	5/14/1996
						5	10.2	2	UFRLY	98	0.006	0.95	2.73	5.3	41	09-3454	5/14/1996
						5	10.2	0	UFRLY	80	0.076	0.97	2.75	4.67	35	94-0607	5/14/1996
						6	7.5	0	UFRLY	82	0.048	0.90	14.69	3.72	41	94-0607	5/14/1996
						7	1.6	0	LFRLY	85	0.053	0.91	4.86	1.05	23	94-0607	5/14/1996
						8	8.2	0	ARGN	75	0.059	0.91	2.96	2.2	28	96-0627	3/12/1996
						9	8.6	2	ARGN	97	0.011	0.99	5.52	5.56	37	96-0627	3/12/1996
						10	7.8	1	ARGN	96	0.013	0.95	1.86	7.23	39	96-0627	3/12/1996
						11	10	2	ARGN	98	0.009	0.91	2.66	3.53	38	96-0627	3/12/1996
1-105-03	WY	SE1/4	26 11S 24E	Inland Quarries (area 1)		1	5	2	BFLS	98	0.010	0.96	1.68	1.11	27	93-4576	11/4/1993
						2	3.4	2	BFLS	98	0.012	0.96	6.48	1.45	27	93-4576	11/4/1993
						3	6.4	0	BFLS	93	0.025	0.94	3.57	2.01	30	93-4576	11/4/1993
1-105-04	WY	NE1/4	26 11S 24E	Inland Quarries (area 2)		1	5	2	BFLS	98	0.010	0.93	1.80	0.73	26	93-4577	11/4/1993
						2	3.5	2	BFLS	98	0.012	0.95	1.17	0.56	26	93-4577	11/4/1993
						3	6.8	1	BFLS	95	0.024	0.90	4.16	2.14	27	93-4577	11/4/1993
1-105-05	WY	SE1/4	23 11S 24E	Inland Quarries (area 3)	806503	1	3.8	2	BFLS	98	0.014	0.97	1.29	0.76	26	93-4578	11/4/1993
						2	3.8	1	BFLS	95	0.019	0.92	3.55	1.34	26	93-4578	11/4/1993
						3	4.8	0	BFLS	93	0.021	0.96	3.31	1.56	27	93-4578	11/4/1993
1-105-06	WY	NE1/4	8 11S 23E	Shawnee Rock Co.	803704	1	2.3	1	ARGN	96	0.008	0.96	2.01	1.66	28	97-5424	11/18/1997
						2	6.7	2	ARGN	98	0.004	0.96	23.17	2.75	26	97-5424	11/18/1997
						3	8.1	1	ARGN	95	0.010	0.93	10.82	4.31	22	97-5424	11/18/1997
						4	12.1	1	ARGN	96	0.016	0.93	13.20	2.27	24	97-5424	11/18/1997

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Quarry #	Co.	Parcel	Sec	Twp	Rng	Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
2-014-01	CY	SE1/4	24	9S	3E	N.R. Hamm Quarry Inc.	800904												
								1	1.8	0	TWND		0.105	0.84	7.70	10		90-2879	
								2	1.6	0	TWND	97	0.009	0.81	7.70	9.05		90-2879	
								3	2	2	TWND	99	0.003	0.91	5.70	5.1		90-2879	
								4	3.6	2	TWND	98	0.005	0.87	5.20	5.72		90-2879	
								5	4.9	2	TWND	99	0.005	0.95	5.40	3.13		90-2879	
2-021-01	DK	NW1/4 SW1/4	14 11	14S	4E 4E	Martin-Marietta	802402												
								1	2	2	CRSL	99	0.002	0.97	3.13	1.88		80-3270	10/10/2003
								2	5.2	2	CRSL	100	0.001	0.97	13.47	2.63		80-3270	10/10/2003
								3	4.6	2	CRSL	99	0.006	0.94	17.29	1.51		80-3270	10/10/2003
2-021-04	DK	E1/2	36	12S	4E	Bayer Construction Co., Inc.	802301												
								1	11.7	0	FRRL			0.74		11.4	53	04-5315	12/14/2004
								2	5.8	0	FRRL			0.84	8.79	7	37	04-5315	12/14/2004
								3	8.3	0	FRRL			0.42	16.93	5.4	33	04-5315	12/14/2004
								4	1.8	0	FRRL			0.77		8.7	47	04-5315	12/14/2004
								5	5.7	2	FRRL	97	0.008	0.94	4.13	10	48	04-5315	12/14/2004
2-021-06	DK	W1/2*E1/2	2	16S	4E	N.R. Hamm Quarry Inc.	800906												
								1	2.1	0	CRSL			0.73	18.00	9.5		90-2605	5/16/2002
								2	1.7	0	CRSL			0.83	14.40	4.15		90-2605	5/16/2002
								3	3	0	CRSL			0.83	16.10	4.46		90-2605	5/16/2002
								4	4.2	2	CRSL	99	0.004	0.92	14.20	4.72		90-2605	5/16/2002
								5	6.2	2	CRSL	98	0.009	0.92	17.80	6.42		90-2605	5/16/2002
2-021-07	DK	NW1/4	25	13S	3E	N.R. Hamm Quarry Inc.	800905												
								1	4.5	0	CRSL			0.48	15.50	22		90-2878	
								2	2.5	0	CRSL			0.17	12.40	11.3		90-2878	
								3	5.2	0	CRSL		0.062	0.89	11.80	7.52		90-2878	
								4	5.7	2	CRSL	98	0.011	0.92	3.70	6.86		90-2878	
2-021-11	DK	W1/2	13	13S	3E	N.R. Hamm Quarry Inc.	800955												
								1	1.9	0	CRSL	99	0.006	0.93	16.30	3.77	23	98-0791	8/20/2001
								2	4.5	0	CRSL	98	0.006	0.94	4.38	2.45	27	98-0791	8/20/2001
								3	4.3	2	CRSL	98	0.003	0.87	13.70	5.85	33	98-0791	8/20/2001
								4	2.6	2	CRSL	98	0.000	0.92	19.61	4.9	33	98-0791	8/20/2001

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Quarry #	Legal Description			Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
	Co.	Parcel	Sec Twp Rng														
2-021-13	DK	SE1/4*SE1/4	10 14S 4E	Martin-Marietta	802448	1	1.7	2	CRSL	100	0.010	0.94	2.28	2	31	01-0888	4/9/2001
						2	4.6	2	CRSL	100	0.011	0.96	9.15	1.7	21	01-0888	4/9/2001
						3	6.6	0	CRSL			0.83	12.17	7.2	29	01-0888	4/9/2001
2-021-14	DK	W1/2*SE1/4	4 15S 4E	N.R. Hamm Quarry Inc.	800963	1	7	2	CRSL	99	0.010	0.94	14.23	4.1	27	02-4956	5/11/2007
						2	5.5	2	CRSL	98	0.007	0.88	13.34	3.9	27	02-4956	5/11/2007
2-021-16	DK	SW1/4*SE1/4 NE1/4	10 14S 4E 15 14S 4E	N.R. Hamm Quarry Inc.	802457	1	2	0	CRSL	76	0.047	0.96	6.53	1.4	27	06-3603	9/6/2006
						2	3.3	2	CRSL	97	0.012	0.92	13.30	2.9	25	06-3603	9/6/2006
						3	3.3	2	CRSL	97	0.014	0.91	35.86	3.8	28	06-3603	9/6/2006
2-031-03	GE	SE1/4	29 10S 5E	Martin-Marietta	802314	1	6	0	TWND			0.78	6.48	4.87	30	98-4956	11/16/1998
						2	4	2	TWND	98	0.009	0.98	6.71	4.74	29	98-4956	11/16/1998
2-031-04	GE	SW1/4	5 13S 5E	Bayer Construction Co., Inc.	802322	1	4.3	2	TWND	99	0.012	0.89	5.40	2.2	28	00-4152	3/12/2007
						2	3.7	1	TWND	96	0.019	0.86	11.53	2.8	27	00-4152	3/12/2007
2-057-01	MN	SE1/4	31 20S 5E	Martin-Marietta	802411	1	9.3	2	FRRL	98	0.011	0.94	3.56	6.79		83-2170	
						2	3.2	2	FRRL	98	0.015	0.91	7.07	7.47		83-2170	
						3	6.5	2	FRRL	99	0.014	0.92	3.60	9.22		83-2170	
2-057-02	MN	NE1/4	6 21S 5E	Martin-Marietta	802411	1	7.3	2	FRRL	99	0.012	0.90	6.97	7.24		83-2171	
						2	3.8	2	FRRL	98	0.011	0.86	8.39	7.89		83-2171	
						3	3	2	FRRL	99	0.010	0.96	5.29	8.69		83-2171	
						4	5.2	2	FRRL	99	0.011	0.93	4.70	9.51		83-2171	
2-057-03	MN	SE1/4	4 21S 4E	Martin-Marietta	802412	1	7.8	2	CRSL	99	0.006	0.86	8.64	7.31		85-0881	
						2	4.4	2	CRSL	100	0.007	0.91	7.62	7.7		85-0881	
						3	6.1	2	CRSL	99	0.006	0.86	12.82	7.1		85-0881	

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Quarry #	Legal Description				Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit	
	Co.	Parcel	Sec	Twp Rng															
2-064-01	MR	SE1/4	29	14S 6E	N.R. Hamm Quarry Inc.		1	4	2	TWND	99	0.010	0.94	4.45	2.61		80-3271		
							2	3	0	TWND	97	0.006	0.81	6.84	2.41		80-3271		
							3	2	1	TWND	99	0.024	0.87	6.38	3.71		80-3271		
2-064-02	MR	N1/2	29	14S 6E	Hamm Quarry Inc.														
4-001-01	AL	SW1/4	33	24S 19E	Nelson Quarries, Inc.	800101	1	6	2	TWND	99	0.009	0.87	4.60	3	33	07-2208	7/10/2007	
							1	8.5	2	RYTN	100	0.009	0.98	2.40	3.2	39	11-0816	3/20/1995	
							2	5	2	RYTN	99	0.008	0.98	2.45	3	41	11-0816	3/20/1995	
							3	5	2	RYTN	99	0.009	0.98	2.16	2.8	41	11-0816	3/20/1995	
4-001-02	AL	E1/2*SE1/4	25	24S 20E	Nelson Quarries, Inc.	800118	4	9.6	2	RYTN	99	0.008	0.98	2.00	2.8	39	11-0816	3/20/1995	
							1	5.8	0	PAOL	92	0.024	0.90	10.41	3.23	32	97-5427	11/14/1997	
							2	12.5	1	PAOL	96	0.001	0.93	1.27	4.25	37	97-5427	11/14/1997	
							3	6	0	PAOL	93	0.006	0.91	7.37	2.32	34	97-5427	11/14/1997	
4-002-01	AN	NE1/4	1	20S 19E	Whitaker Aggregates, Inc.	800201													
							2	8	2	CPCK	99	0.006	0.98	1.00	2.8	28	07-2818	8/13/2007	
							3	3	2	SPGH	99	0.008	0.86	5.43	3.6	32	07-2818	8/13/2007	
							4	5.9	2	SPGH	98	0.008	0.98	0.90	2.4	35	07-2818	8/13/2007	
							5	2.1	2	SPGH	98	0.012	0.99	3.35	2.9	40	07-2818	8/13/2007	
							6	11.5	2	SPGH	97	0.010	0.92	3.32	2.7	31	07-2818	8/13/2007	
4-002-02	AN	NW1/4	1	23S 19E	Hunt Midwest	800302													
							1	5.5	2	SPGH	97	0.009	0.98	2.18	2.12		81-3272		
							2	6.5	0	SPGH		0.116	0.97	4.66	1.9		81-3272		
							3	7	0	SPGH		0.129	0.98	7.48	2.03		81-3272		
4-002-03	AN	NE1/4	12	20S 18E	Hunt Midwest	800303	4	6	0	SPGH		0.125	0.93	5.53	1.72		81-3272		
							1	2.5	2	SNBD	99	0.015	0.94	7.62	1.68		82-1143		
							2	2.7	0	RCKL	92	0.039	0.98	4.42	1.18		82-1143		
							3	4.6	2	STNR	98	0.012	0.95	2.78	2.39		82-1143		
							4	4	1	STNR	96	0.019	0.91	4.66	2.59		82-1143		
							5	4.4	0	CPCK	63	0.082	0.97	8.16	2.36		82-1143		

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Quarry #	Co.	Parcel	Legal Description	Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
4-002-04	AN	NE1/4	19 20S 21E	Hunt Midwest	800301												
						1	4.2	1	SPGH	97	0.018	0.98	0.84	2.91		82-2802	
						2	3.6	2	SPGH	98	0.015	0.98	2.05	2.61		82-2802	
						3	2.2	1	SPGH	98	0.018	0.96	1.73	3.42		82-2802	
						4	6	2	SPGH	97	0.013	0.98	1.60	3.97		82-2802	
4-002-05	AN	SE1/4	32 21S 19E	Whitaker Aggregates, Inc.	800304												
						1	7.5	2	SNBD	99	0.012	0.98	2.33	1.4	33	10-2222	
						2	3.3	1	STNR	96	0.022	0.97	4.71	1.2	29	10-2222	
						3	2.2	1	STNR	96	0.017	0.95	6.48	1	27	10-2222	
4-002-06	AN	SW1/4*SW1/4	30 21S 20E	Ash Grove Aggregates, Inc.	805108												
						1	9.2	1	SPGH	99	0.018	0.94	5.56	2	25	97-0784	3/19/1997
						2	6	0	SPGH	89	0.033	0.85	5.28	2.26	29	97-0784	3/19/1997
						3	8.3	0	SPGH		0.116	0.88	6.33	2.08	24	97-0784	3/19/1997
						4	4.3	0	SPGH			0.81	6.37	1.83	25	97-0784	3/19/1997
						5	13	0	SPGH	81	0.056	0.95	3.69	2.63	28	97-0784	3/19/1997
4-002-07	AN	NW1/4	7 20S 19E	Harshman Construction, L.L.C.	801519												
						1	9.8	2	STNR	99	0.009	0.92	14.85	2.2	29	07-2233	7/12/2007
						2	8.4	0	CPCK	45	0.092	0.97	13.57	4	37	07-2233	7/12/2007
4-006-01	BB	SW1/4	19 26S 22E	Kaley Blythe													
						1	8	1	BFLS	98	0.018	0.95	2.06	1.22		81-0467	
						2	8	1	BFLS	97	0.025	0.95	4.57	0.96		81-0467	
						3	4	2	BFLS	98	0.011	0.97	4.15	1.54		81-0467	
4-006-02	BB	SE1/4	9 26S 23E	Hunt Midwest	800213												
						1	5	2	MCKS	97	0.013	0.95	2.10	4.58		81-0468	
						2	11.5	2	MCKS	97	0.015	0.96	1.28	3.07		81-0468	
						3	5	0	MCKS	94	0.040	0.91	5.04	1.14		81-0468	
						4	5.5	0	MCKS		0.126	0.91	2.91	1.09		81-0468	



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Quarry #	Co.	Parcel	Legal Description			Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
4-006-03	BB	NW1/4	32	26S	25E	Midwest Minerals	801102												
								1	2.5	2	LBRD	100	0.002	0.88	13.33	2.2	24	11-0592	2/28/1997
								2	4	2	LBRD	100	0.003	0.87	10.90	3	26	11-0592	2/28/1997
								3	4.5	2	LBRD	99	0.004	0.96	4.56	2.2	32	11-0592	2/28/1997
								4	6.5	2	LBRD	99	0.005	0.97	2.19	1.8	33	11-0592	2/28/1997
								6	2.7	2	MCKS	97	0.007	0.91	5.19	2.5	27	11-0592	2/28/1997
								7	4.7	2	MCKS	99	0.006	0.96	4.32	1.6	25	11-0592	2/28/1997
								8	3.6	2	MCKS	100	0.003	0.99	3.04	1.8	27	11-0592	2/28/1997
4-006-05	BB	E1/2	26	23S	24E	Ash Grove Aggregates, Inc.	801107												
								1	3.2	0	MCKS	89	0.020	0.89	16.02	2.18		81-3203	6/22/2004
								2	1.6	2	MCKS	97	0.005	0.98	4.43	1.81		81-3203	6/22/2004
								3	4.1	2	MCKS	98	0.015	0.98	4.27	2.88		81-3203	6/22/2004
								4	2.1	1	MCKS	95	0.012	0.98	5.19	1.31		81-3203	6/22/2004
4-006-06	BB	NE1/4	33	23S	25E	Ash Grove Aggregates, Inc.	801105												
								1	2	0	HGVL	68	0.098	0.90	7.48	1.58		81-3204	
								2	6.5	1	HGVL	96	0.011	0.98	4.03	1.12		81-3204	
								3	5.4	1	HGVL	96	0.020	0.96	3.08	1.02		81-3204	
								4	3.6	0	HGVL		0.124	0.91	8.54	1.56		81-3204	
4-006-07	BB	SE1/4	6	25S	22E	Ash Grove Aggregates, Inc.	801106												
								1	7.5	0	WNRS	94	0.017	0.98	1.75	3.97		82-1049	
								2	7.5	2	WNRS	98	0.011	0.96	0.73	2.77		82-1049	
								3	5	2	WNRS	98	0.011	0.97	1.29	3.08		82-1049	
								4	6.5	0	WNRS	90	0.021	0.98	1.49	3.56		82-1049	
								5	5.5	0	WNRS	82	0.061	0.94	3.57	2.34		82-1049	
4-006-08	BB	SW1/4	10	26S	23E	Ash Grove Aggregates, Inc.	801108												
								1	3.5	2	MCKS	99	0.008	0.97	2.17	3.3		82-1286	
								2	9.8	2	MCKS	98	0.009	0.97	2.77	2.12		82-1286	
								3	3.8	1	MCKS	97	0.019	0.96	5.97	0.96		82-1286	
4-006-09	BB	NE1/4	20	25S	24E	Hunt Midwest	800204												
								1	3.7	0	LBRD			0.79	4.94	2.12		83-3511	
								2	3	2	LBRD	98	0.013	0.92	2.37	1.54		83-3511	
								3	2.7	2	LBRD	98	0.014	0.94	1.77	1.79		83-3511	
								4	4	2	LBRD	98	0.007	0.94	1.00	1.5		83-3511	
								5	4.8	2	LBRD	97	0.009	0.97	0.85	2.34		83-3511	

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Quarry #	Co.	Parcel	Legal Description	Sec	Twp	Rng	Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
4-006-11	BB	SE1/4		19	26S	25E	Hunt Midwest	800218												
									1	6.6	2	LBRD	98	0.007	0.95	0.29	2.69	31	97-2682	6/20/1997
									2	6	2	LBRD	98	0.005	0.91	0.99	2.61	36	97-2682	6/20/1997
									3	5.2	2	LBRD	98	0.007	0.94	1.18	2.51	28	97-2682	6/20/1997
									4	3	2	LBRD	98	0.006	0.86	4.65	2.71	29	97-2682	6/20/1997
									5	2.2	0	LBRD	91	0.021	0.92	2.42	1.56	22	97-2682	6/20/1997
									6	5.6	0	LBRD	84	0.048	0.93	4.78	1.63	26	97-2682	6/20/1997
4-006-12	BB	NW1/4+N1/2*SW1/4*NE1/4		21	25S	24E	Hunt Midwest	800204												
									1	4.3	2	LBRD	99	0.002	0.97	0.57	2.07	29	97-2683	6/20/1997
									2	4.5	2	LBRD	99	0.005	0.96	0.94	2.37	29	97-2683	6/20/1997
									3	6	2	LBRD	98	0.007	0.96	1.39	1.8	28	97-2683	6/20/1997
4-006-13	BB	W1/2*SW1/4		16	25S	24E	Nelson Quarries, Inc.	800120												
									1	6.6	2	LBRD	100	0.010	0.94	1.66	2	28	01-0501	3/5/2001
									2	6.8	2	LBRD	98	0.012	0.95	0.73	1.3	29	01-0501	3/5/2001
									3	3.5	2	LBRD	99	0.011	0.85	2.80	2.1	25	01-0501	3/5/2001
4-006-14	BB	E1/2*SE1/4		17	25S	24E	Nelson Quarries, Inc.	800124												
									1	7	1	LBRD	99	0.020	0.89	5.81	2.2	26	02-2852	
									2	9.5	1	LBRD	98	0.021	0.94	1.37	1.5	28	02-2852	
4-010-01	CQ	SE1/4		33	33S	11E	Blake Stone Co.													
									1	7	1	PLSM	98	0.016	0.94	6.14	2.16		83-2327	
									2	11.7	2	PLSM	98	0.011	0.95	1.65	2.63		83-2327	
									3	5.3	0	PLSM	76	0.085	0.92	3.31	2		83-2327	
4-010-02	CQ	N1/2		20	34S	11E	Harshman Construction, L.L.C.	801515												
									1	4.3	2	PLSM	99	0.013	0.98	9.37	1.28	21	97-0498	9/1/2004
									2	2.7	2	PLSM	98	0.009	0.94	5.27	1.72	26	97-0498	9/1/2004
									3	8.7	2	PLSM	97	0.011	0.97	8.57	3.08	40	97-0498	9/1/2004
									4	5.5	2	PLSM	98	0.009	0.94	0.91	3.48	44	97-0498	9/1/2004
									5	5.3	0	PLSM		0.109	0.88	6.63	2.01	25	97-0498	9/1/2004

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Quarry #	Legal Description	Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
Co.	Parcel	Sec Twp Rng													
4-010-03	CQ	SW1/4	2 34S 10E	Blake Stone Co.	800954										
						1	5	2	HRFD	99	0.006	0.97	4.05	1.57	23 97-1602 5/14/1997
						2	1	0	HRFD	90	0.037	0.91	12.15	2.76	22 97-1602 5/14/1997
						3	1.3	1	EVCK	96	0.023	0.90	14.45	1.56	21 97-1602 5/14/1997
						4	3.8	1	EVCK	96	0.009	0.94	3.27	2.62	30 97-1602 5/14/1997
						5	3.1	2	EVCK	97	0.008	0.94	4.69	1.93	28 97-1602 5/14/1997
						6	10	0	EVCK	91	0.023	0.92	4.85	4.47	43 97-1602 5/14/1997
4-011-01	CK	NW1/4	21 31S 23E	Heckert	801701										
						1	5.5	1	BKJG	96	0.013	0.96	7.76	2.16	82-1287
						2	6.5	0	BKJG	77	0.055	0.95	4.46	1.61	82-1287
						3	6.4	0	BKJG		0.124	0.94	5.58	2.3	82-1287
4-016-03	CF	NW1/4	30 21S 14E	Sedan Limestone Co.	801603										
						1	2.2	0	HRFD			0.53	12.97	4.03	83-2323
						2	6.2	2	HRFD	98	0.010	0.98	1.03	2.4	83-2323
						3	5.6	2	HRFD	98	0.010	0.96	1.42	2.38	83-2323
4-016-04	CF	SE1/4	5 20S 14E	APAC-Kansas, Shears Division	801901										
						1	0.7	0	HRFD			0.43	11.20	5.29	44 92-0088
						2	5.4	1	HRFD	99	0.018	0.91	3.80	3.05	30 92-0088
						3	2.5	2	HRFD	99	0.010	0.92	1.10	2.58	28 92-0088
						4	3.3	2	HRFD	97	0.009	0.91	4.20	2.94	26 92-0088
4-016-05	CF	N1/2*SW1/4	19 19S 15E	Harshman Construction, L.L.C.	801510										
						1	5	0	HRFD	83	0.028	0.89	4.12	3.11	31 94-2320 6/16/1994
						2	3.9	2	HRFD	99	0.006	0.90	2.76	4.01	39 94-2320 6/16/1994
4-016-06	CF	N1/2*NW1/4	33 21S 14E	Harshman Construction, L.L.C.	801503										
						1	4.7	0	CURZ	88	0.055	0.89	10.15	1.8	25 00-2554 6/28/2000
						2	1	2	HRFD	100	0.004	0.86	11.17	1.6	26 00-2554 6/28/2000
						3	3.8	0	HRFD	84	0.046	0.95	4.67	2.4	33 00-2554 6/28/2000
						4	6.3	1	HRFD	95	0.017	0.85	7.00	3.1	28 00-2554 6/28/2000
						5	1.4	0	HRFD			0.81	9.71	2.9	28 00-2554 6/28/2000
4-016-07	CF	SW1/4	6 19S 17E	Nelson Quarries, Inc.	800114										
						1	7.1	0	KRFD	70	0.114	0.88	6.95	1.8	22 01-1753 6/1/2001
						2	7	0	PLSM	84	0.106	0.89	5.54	3.2	29 01-1753 6/1/2001
						3	5.2	1	PLSM	95	0.011	0.93	4.56	3.9	37 01-1753 6/1/2001
						4	3	0	PLSM	83	0.030	0.92	9.00	3.9	35 01-1753 6/1/2001

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Quarry #	Legal Description				Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
	Co.	Parcel	Sec	Twp Rng														
4-016-09	CF	SW1/4*NW1/4	2	21S 13E	APAC Kansas, Shears Division	801935												
							1	3	0	HRFD	81	0.053	0.88	5.19	2	32	10-3170	10/6/2010
							1	3	0	HRFD	81	0.053	0.88	5.19	2	32	10-3170	
							2	5.8	2	HRFD	100	0.009	0.97	2.05	2.4	30	10-3170	10/6/2010
							3	5	0	HRFD	93	0.026	0.99	1.90	1.8	27	10-3170	10/6/2010
4-019-01	CR	SW1/4	31	27S 24E	Midwest Minerals, Inc.	801703												
							1	4.6	0	LBRD	99	0.013	0.83	4.53	4.48		82-0337	4/16/2002
							2	9.4	2	LBRD	97	0.015	0.97	1.25	1.77		82-0337	4/16/2002
							3	1	0	LBRD	93	0.033	0.90	5.47	2.41		82-0337	4/16/2002
							4	6.4	2	LBRD	97	0.009	0.96	1.94	2.43		82-0337	4/16/2002
							5	5.4	1	LBRD	96	0.011	0.94	2.66	2.95		82-0337	4/16/2002
4-019-02	CR	NE1/4	30	30S 24E	Midwest Minerals, Inc.	801702												
							1	4.2	2	BKJG	97	0.010	0.98	4.50	1.94		82-0580	
							2	3.3	0	BKJG		0.133	0.90	6.21	2.31		82-0580	
							3	4.5	0	BKJG		0.120	0.95	6.83	1.68		82-0580	
4-019-03	CR	SW1/4	2	29S 25E	Mulberry Limestone	802101												
							1	3.5	2	HGVL	97	0.012	0.86	6.19	1.42	24	92-1673	
							2	8.5	0	HGVL	86	0.047	0.88	12.34	2.05	24	92-1673	
4-019-04	CR	SW1/4	25	28S 24E	Mulberry Limestone	802102												
							1	4.3	1	HGVL	95	0.017	0.85	7.61	2.26	28	97-0785	9/29/2003
							2	3	2	HGVL	98	0.011	0.94	4.24	2.23	26	97-0785	9/29/2003
							3	4.5	0	HGVL	94	0.019	0.86	6.77	1.84	28	97-0785	9/29/2003
							4	4.3	0	BKJG	92	0.016	0.85	5.92	2.4	29	00-4258	9/29/2003
							5	6.6	0	BKJG	80	0.085	0.89	3.08	2.6	27	00-4258	9/29/2003
4-025-01	EK	S1/2 SW1/4	1 6	31S 10E 31S 11E	Martin-Marietta, Moline													
							1	7	0	HRFD	48	0.144	0.92	9.09	1.96		80-3126	
							2	3.5	0	EVCK	88	0.048	0.91	7.30	1.29		80-3126	
							3	13	1	EVCK	95	0.007	0.93	2.20	2.36		80-3126	
							4	6.5	0	EVCK	94	0.009	0.89	3.10	3.87		80-3126	
4-025-02	EK		23	28S 11E	Martin-Marietta	802244												
							1	4	2	EVCK	98	0.010	0.97	2.52	1.89	31	98-5082	8/16/2004
							2	5.8	2	EVCK	99	0.011	0.94	4.70	2.61	30	98-5082	8/16/2004
							3	6	2	EVCK	98	0.009	0.86	5.59	2.84	30	98-5082	8/16/2004

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Quarry #	Legal Description				Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
	Co.	Parcel	Sec	Twp Rng														
4-025-03	EK	N1/2*N1/2*NW1/4	13	31S 10E	Cornejo Stone	801504	A	6.7	2	TOPK	100	0.007	0.88	8.35	1.3	22	99-4744	2/23/2010
							1	5	2	EVCK	99	0.003	0.97	10.70	2.7	33	99-0269	2/23/2010
							2	9.7	2	EVCK	97	0.006	0.96	1.24	2.76	40	99-0269	2/23/2010
							3	7.2	2	EVCK	99	0.005	0.91	4.35	3.1	31	99-0269	2/23/2010
4-025-04	EK	SE1/4*NE1/4	13	31S 10E	Wittwer Paving, Inc.	837202												
							1	6.9	2	EVCK	98	0.009	0.89	4.42	2.5	29	99-1710	4/27/1999
							2	6.7	2	EVCK	98	0.008	0.88	2.49	2.2	34	99-1710	4/27/1999
							3	9.8	2	EVCK	97	0.008	0.92	3.01	3.5	41	99-1710	4/27/1999
4-025-05	EK	N1/2	4	30S 11E	Harshman Construction, L.L.C.	801517												
							1	4.9	0	EVCK	95	0.032	0.93	8.73	1.5	35	04-0455	3/9/2004
							2	4.6	0	EVCK	94	0.035	0.89	18.73	2	29	04-0455	3/9/2004
							3	6.6	1	EVCK	97	0.017	0.98	3.38	3.1	32	04-0455	3/9/2004
							4	12	2	EVCK	97	0.015	0.96	4.17	2.9	44	04-0455	3/9/2004
4-030-03	FR	NW1/4	24	18S 19E	Hunt-Martin Materials	800315												
							1	4	2	STNR	98	0.009	0.94	2.94	5.29		82-0081	2/11/2004
							2	4.5	2	STNR	98	0.010	0.97	3.64	5.25		82-0081	2/11/2004
							3	3.1	2	STNR	98	0.006	0.95	3.30	4.25		82-0081	2/11/2004
							4	2.4	0	STNR	91	0.021	0.96	4.89	2.05		82-0081	2/11/2004
4-030-05	FR	SE1/4	23	16S 20E	Penny's Conc. (Mined by Martin-Marietta)	800309												
							1	1.5	2	STNR	99	0.000	0.96	3.21	2.37		89-0081	7/8/1999
							2	4.6	2	STNR	99	0.002	0.96	2.43	2.39		89-0081	7/8/1999
							3	2	2	STNR	99	0.015	0.96	3.00	2.09		89-0081	7/8/1999
							4	4.9	2	STNR	99	0.002	0.96	5.57	1.6		89-0081	7/8/1999
							8	1.2	2	SPGH	99	0.005	0.93	1.94	3.13		89-0081	7/8/1999
							9	2.9	2	SPGH	99	0.002	0.95	2.16	3.43		89-0081	7/8/1999
							10	3.5	1	SPGH	96	0.010	0.92	2.86	3.04		89-0081	7/8/1999
							11	3.5	2	SPGH	97	0.011	0.89	1.85	2.63		89-0081	7/8/1999
4-030-06	FR	NE1/4	1	17S 20E	Hunt Midwest	800317												
							1	5.6	2	SPGH	98	0.008	0.96	3.42	2.81	31	95-0114	1/17/1994
							2	2.9	0	SPGH	89	0.028	0.92	6.96	2.27	28	95-0114	
							3	6.2	0	SPGH	76	0.047	0.90	2.39	3.19	31	95-0114	7/8/1999

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Quarry #	Co.	Legal Description			Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
		Parcel	Sec	Twp														
4-030-07	FR	NE1/4	23	16S	20E	Penny's Concrete Inc	826803											
							1	2.7	0	STNR			0.80	11.91	2.3	31	00-1998	5/31/2000
							2	4.8	2	STNR	98	0.007	0.87	3.59	2.1	29	00-1998	5/31/2000
							3	4.1	2	STNR	100	0.006	0.95	2.89	2.8	28	00-1998	5/31/2000
							4	4.2	2	STNR	99	0.007	0.94	3.34	2.4	29	00-1998	5/31/2000
							5	4.2	0	STNR			0.82	7.77	2.3	30	00-1998	5/31/2000
4-030-08	FR	W1/2*SW1/4	13	16S	19E	Hunt-Martin Materials	802447											
							1	3.7	0	SNBD	72	0.107	0.92	10.34	1.6	18	01-0133	7/17/2001
							2	6	0	STNR	81	0.161	0.86	4.45	0.9	26	01-0133	7/17/2001
							3	3.7	2	STNR	98	0.009	0.88	3.36	3	32	01-3591	
							4	4.9	2	STNR	97	0.009	0.94	3.37	3.5	38	01-3591	
							5	4	0	STNR			0.67	10.66	3.1	30	01-0133	7/17/2001
							6	2.7	0	CPCK			0.82	7.27	2.2	24	01-3592	9/5/2001
							7	7.3	0	CPCK	91	0.024	0.96	2.32	3	35	01-3592	9/5/2001
							8	3	0	CPCK	92	0.132	0.85	4.56	2.1	23	01-3592	9/5/2001
							9	3.6	0	SPGH			0.66	15.91	4.5	33	01-3592	9/5/2001
							10	5	1	SPGH	96	0.013	0.86	2.69	3	32	01-3592	9/5/2001
							11	3.2	2	SPGH	99	0.005	0.96	1.97	3.6	34	01-3592	9/5/2001
							12	4	1	SPGH	96	0.009	0.93	5.47	4.7	28	01-3592	9/5/2001
4-037-01	GW	NW1/4	13	26S	9E	Martin-Marietta	802320											
							1	8	2	WKRS	97	0.012	0.92	5.85	2.24		81-1351	
							2	2.8	1	WKRS	96	0.015	0.94	5.94	1.67		81-1351	
							3	2.2	0	WKRS	94	0.025	0.96	2.80	1.71		81-1351	
							4	3	0	WKRS		0.118	0.95	6.26	2.79		81-1351	
4-037-02	GW	SW1/4	18	27S	10E	Martin-Marietta	802406											
							1	2.8	1	WKRS	99	0.017	0.97	4.10	3.44		82-3230	
							2	11	2	WKRS	99	0.007	0.97	2.18	1.7		82-3230	
							3	1.5	2	WKRS	99	0.011	0.96	2.78	1.58		82-3230	
							4	4	2	WKRS	99	0.009	0.95	6.51	3.73		82-3230	
							5	3.1	2	WKRS	99	0.009	0.89	10.91	4		82-3230	
4-037-04	GW	NW1/4	5	28S	10E	Sedan Limestone Co.	801605											
							1	7	2	WKRS	99	0.011	0.90	3.69	1.21		83-2325	
							2	8	2	WKRS	99	0.011	0.96	2.33	1.09		83-2325	
							3	4.3	2	WKRS	99	0.011	0.91	5.66	3.61		83-2325	
							4	3.2	2	WKRS	98	0.012	0.92	8.06	3.77		83-2325	

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Quarry #	Co.	Parcel	Sec	Twp	Rng	Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
4-037-05	GW	SW1/4	33	27S	10E	APAC-Kansas, Shears Division	800403												
								1	1.2	0	WKRS	99	0.008	0.79	9.72	3.55		87-4336	
								2	4.1	0	WKRS	99	0.007	0.81	6.31	3.73		87-4336	
								3	3.9	0	WKRS	99	0.004	0.84	4.88	3.91		87-4336	
								4	4.1	2	BLGM	100	0.006	0.90	4.03	2.76		87-4336	
								5	2.8	2	BLGM	100	0.004	0.94	5.16	3.04		87-4336	
4-037-06	GW	SW1/4*NE1/4	11	28S	12E	APAC-Kansas, Shears Division	801925												
								B	0.7	0	PLSM			0.73	19.60	2.98	25	93-0871	10/20/1997
								A	5.8	0	PLSM	92	0.042	0.91	5.92	1.47	25	93-0871	10/20/1997
								1	1.2	0	PLSM	96	0.032	0.92	8.47	1.58	25	98-2388	6/26/1998
								2	4	0	PLSM	91	0.043	0.93	3.94	1.47	26	98-2388	6/26/1998
								3	5.4	2	PLSM	98	0.009	0.92	4.47	1.51	30	98-2388	6/26/1998
								4	3.1	0	PLSM		0.105	0.86	9.06	1.84	26	98-2388	6/26/1998
4-037-08	GW	NE1/4	11	28S	12E	APAC-Kansas, Shears Division	800408												
								1	2.4	0	PLSM		0.101	0.93	6.93	1.55	27	98-2391	6/26/1998
								2	4.1	1	PLSM	95	0.017	0.95	20.58	0.9	25	98-2391	6/26/1998
								3	5.2	2	PLSM	98	0.008	0.95	3.66	1.73	30	98-2391	6/26/1998
								4	2	0	PLSM		0.103	0.88	7.90	2.18	24	98-2391	6/26/1998
4-037-09	GW	SE1/4 SW1/4	14 13	28S 28S	11E 11E	Martin-Marietta	802461												
								1	6	2	EVCK	100	0.001	0.99	1.67	1.9	32	11-0401	3/16/2011
								2	9	2	EVCK	99	0.003	0.96	3.90	2.4	27	11-0401	3/16/2011
4-050-01	LB	NW1/4	35	34S	17E	Harry Keith & Sons	804701												
								1	9.6	2	WRLD	98	0.011	0.98	6.48	3.71		80-1465	
								2	3.4	1	WRLD	98	0.019	0.98	2.76	1.85		80-1465	
								3	1.3	0	AMRT	25	0.182	0.86	12.79	2.78		80-1465	
								4	6.2	2	AMRT	98	0.000	0.97	2.16	2		80-1465	
								5	4.3	2	AMRT	97	0.009	0.99	2.85	1.71		80-1465	
4-050-02	LB	SW1/4	1	32S	19E	Midwest Minerals, Inc.	801706												
								1	2	0	WRLD	96	0.028	0.97	4.52	0.69		80-1518	
								2	6	2	WRLD	99	0.006	0.97	2.73	1.99		80-1518	

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Quarry #	Co.	Parcel	Legal Description			Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
4-050-04	LB	NW1/4	6	35S	21E	Midwest Minerals, Inc.	801705												
								1	5.2	0	BKJG	95	0.027	0.95	5.62	1.14		82-1432	
								2	3.8	1	BKJG	96	0.020	0.92	6.67	3.24		82-1432	
								3	7.2	1	BKJG	95	0.022	0.96	4.50	2.41		82-1432	
								4	4.4	2	BKJG	98	0.013	0.96	4.91	2.14		82-1432	
								5	4.4	0	BKJG	92	0.031	0.91	4.92	2.25		82-1432	
4-050-05	LB	NE1/4	30	34S	21E	Harry Keith & Sons	804702												
								1	5.8	2	BKJG	97	0.007	0.88	7.61	2.35		87-0375	
								2	5.1	2	BKJG	98	0.000	0.95	16.29	2.96		87-0375	
								3	3.6	2	BKJG	99	0.000	0.96	7.53	3.28		87-0375	
4-050-06	LB	NW1/4	12	32S	19E	Midwest Minerals, Inc.	801719												
								1	2.6	2	WRLD	98	0.013	0.90	4.66	1.38	27	95-0635	3/21/1995
								2	8.2	2	WRLD	99	0.009	0.93	2.40	1.96	30	95-0635	
4-050-07	LB	SE1/4	26	34S	17E	T & M Stone Quarry LLC	846701												
								1	13	1	WRLD	96	0.012	0.98	9.42	3.8	38	11-2060	
4-054-02	LN	E1/2 W1/2	22	19S	25E	Ash Grove Aggregates, Inc.	805102												
			23	19S	25E			1	4.5	2	BFLS	98	0.007	0.99	3.96	1.38		80-2033	5/2/1996
								2	3.5	1	BFLS	97	0.018	0.94	3.35	2.59		80-2033	5/2/1996
								3	7	2	BFLS	98	0.004	0.96	2.57	2.25		80-2033	5/2/1996
4-054-03	LN	NW1/4	24	21S	24E	Ash Grove Aggregates, Inc.													
								1	5	2	BFLS	98	0.009	0.96	3.20	1.92		81-0749	
								2	1.6	2	BFLS	98	0.007	0.95	2.29	3.18		81-0749	
								3	5.1	2	BFLS	97	0.011	0.94	5.52	2.11		81-0749	
4-054-04	LN	SW1/4	11	23S	25E	Henry Kunshek	802202												
								1	3	0	LBRD	87	0.047	0.91	7.97	1.72		81-0750	
								2	7	1	LBRD	95	0.015	0.95	3.74	2.25		81-0750	
4-054-05	LN	NW1/4	25	22S	24E	Wade Quarries	805006												
								1	2.5	0	BFLS	90	0.086	0.78	9.00	2.03		81-0751	
								2	8	1	BFLS	96	0.011	0.96	2.62	1.96		81-0751	
								3	3.8	2	BFLS	98	0.005	0.94	4.20	3.07		81-0751	
								4	2.6	2	BFLS	97	0.015	0.97	3.02	1.89		81-0751	



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## The "A" Listing

Quarry #	Legal Description	Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit	
Co.	Parcel	Sec Twp Rng														
4-054-06	LN	SW1/4	20 19S 25E	Wade Agricultural Products	805002											
					1	5.2	0	WNRS	93	0.022	0.93	9.33	1.92	23	98-5080	1/2/2003
					2	4.2	0	WNRS		0.114	0.89	9.74	2.21	24	98-5080	1/2/2003
					3	8.3	0	WNRS	93	0.013	0.85	4.91	2.87	30	98-5080	1/2/2003
					4	5	2	WNRS	98	0.012	0.96	8.67	3.05	32	98-5080	1/2/2003
					5	6.5	2	WNRS	98	0.006	0.89	2.79	2.94	32	98-5080	1/2/2003
4-054-07	LN	W1/2*NE1/4	20 21S 22E	Whitaker Aggregates, Inc.	800214											
					1	12	0	WNRS	92	0.017	0.85	9.33	3.2	30	07-2930	8/20/2007
					2	8.5	1	WNRS	96	0.013	0.97	2.75	2.8	38	07-2930	8/20/2007
					3	8.7	2	WNRS	98	0.012	0.92	2.77	3.1	42	07-2930	8/20/2007
					4	16.3	2	WNRS	98	0.014	0.94	2.37	3.7	38	07-2930	8/20/2007
4-054-08	LN	NW1/4	19 22S 24E	Hunt Midwest	800208											
					1	1.5	0	BFLS	85	0.038	0.84	9.74	3.53		82-0033	
					2	3.6	1	BFLS	98	0.018	0.92	1.87	1.07		82-0033	
					3	2.6	0	BFLS	94	0.020	0.97	3.59	2.74		82-0033	
					4	4.8	0	BFLS	88	0.022	0.99	3.43	3.14		82-0033	
					5	5	0	BFLS		0.160	0.87	16.66	2.83		82-0033	
4-054-09	LN	NW1/4	27 21S 24E	Ash Grove Aggregates, Inc.	805103											
					1	2	0	BFLS		0.104	0.96	6.73	1.38		82-0034	
					2	2.6	1	BFLS	97	0.018	0.98	3.33	0.8		82-0034	
					3	3.1	2	BFLS	97	0.001	0.99	3.63	2.2		82-0034	
					4	5.6	0	BFLS	97	0.009	0.75	2.13	2.38		82-0034	
4-054-10	LN	NW1/4	23 19S 21E	Mid-States Materials, L.L.C.	805001											
					1	8	2	ARGN	98	0.013	0.96	0.95	3.56		82-0138	4/6/2005
					2	7	2	ARGN	98	0.015	0.96	2.75	2.97		82-0138	4/6/2005
					3	4.8	0	ARGN	89	0.033	0.95	3.46	2.73		82-0138	4/6/2005
					4	6.2	2	ARGN	97	0.011	0.97	17.33	2.86		82-0138	4/6/2005

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## The "A" Listing

Quarry #	Co.	Parcel	Legal Description	Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
4-054-11	LN	E1/2	23 19S 25E	Ash Grove Aggregates, Inc.	805101	F	3.5	0	WNRS	77	0.123	0.90	7.99	1.8	23	99-3690	4/16/2002
						E	6.8	0	WNRS			0.79	11.11	2.3	25	99-3690	4/16/2002
						D	7.8	0	WNRS	87	0.136	0.88	10.78	2.4	27	99-3690	4/16/2002
						C	6.6	2	WNRS	97	0.010	0.91	6.03	3.6	30	99-3690	4/16/2002
						B	8.3	2	WNRS	99	0.009	0.90	3.75	3.7	35	99-3690	4/16/2002
						A	5.7	0	WNRS	84	0.121	0.87	9.39	2.6	31	99-3690	4/16/2002
						1	14.6	2	BFLS	97	0.005	0.97	6.77	2.2	32	11-1362	4/16/2002
						1	4.5	2	BFLS	98	0.007	0.99	3.96	1.38		80-2033	
						2	3.5	1	BFLS	97	0.018	0.94	3.35	2.59		80-2033	
						3	7	2	BFLS	98	0.004	0.96	2.57	2.25		80-2033	
4-054-12	LN		27 22S 24E	APAC Kansas	836301	A	7	2	BFLS	99	0.010	0.95	12.31	2.5	33	05-1696	5/18/2005
						1	5.2	2	BFLS	98	0.015	0.90	5.24	2	34	02-2853	5/18/2005
						2	7.9	2	BFLS	98	0.013	0.96	1.72	2.7	34	02-2853	5/18/2005
4-054-13	LN	N1/2*N1/2*SW1/4	32 19S 23E	Wade Quarries	805007	1	6.1	0	WNRS	93	0.015	0.92	8.35	2.5	26	02-1848	6/6/2002
						2	5	0	WNRS			0.71	1.60	3.8	31	02-1848	6/6/2002
						3	4.2	2	WNRS	98	0.009	0.90	4.41	2.2	31	02-3947	
						4	5.9	1	WNRS	95	0.008	0.96	4.75	2.8	29	02-3947	
						5	5.2	0	WNRS	85	0.068	0.96	10.11	3.2	29	03-0541	3/4/2003
						6	8.7	0	WNRS	85	0.040	0.96	3.83	2.5	31	03-0541	3/4/2003
4-054-14	LN	NE1/4*SW1/4	20 19S 25E	Wade Quarries	805009	5	2.6	2	BFLS	99	0.009	0.95	4.27	0.96		81-1520	
						6	3.2	2	BFLS	99	0.008	0.95	3.90	3.3		81-1520	
						7	7	2	BFLS	97	0.010	0.89	2.82	3.81		81-1520	
4-061-01	MI		28 18S 25E	Wade Agricultural Products	805004	1	4.8	2	WNRS	98	0.015	0.92	4.95	1.09	23	98-5143	11/25/1998
						2	5.5	0	WNRS		0.130	0.86	14.06	2.81	22	98-5143	11/25/1998
						3	6.9	0	WNRS		0.114	0.88	9.27	1.34	23	98-5143	11/25/1998
						4	9	0	WNRS		0.157	0.85	9.31	2.32	25	98-5143	11/25/1998
						5	5.7	2	WNRS	99	0.008	0.97	2.70	1.42	23	98-5143	11/25/1998
						6	6.4	0	WNRS	71	0.058	0.88	2.41	2.26	29	98-5143	11/25/1998

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## The "A" Listing

Quarry #	Legal Description				Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
	Co.	Parcel	Sec	Twp Rng														
4-061-02	MI	SE1/4	17	18S 22E	N.R. Hamm Quarry Inc.	800946												
							1	5	2	RYTN	99	0.012	0.98	3.28	1.27		82-0139	
							2	6	2	RYTN	97	0.014	0.96	6.02	1.65		82-0139	
							3	4	2	RYTN	98	0.013	0.98	2.92	1.43		82-0139	
4-061-03	MI	SW1/4	27	16S 22E	Hunt Midwest	800313												
							1	6.5	2	SPGH	97	0.011	0.94	3.56	4.16		82-0419	
							2	6.4	0	SPGH	94	0.017	0.96	2.44	4.22		82-0419	
							3	3.2	0	SPGH		0.087	0.84	3.46	4.96		82-0419	
							4	5.4	0	SPGH		0.142	0.71	12.46	5.75		82-0419	
							5	2	0	MRRM		0.173	0.65	10.57	4.88		82-0419	
							6	1.5	0	MRRM		0.102	0.94	5.89	1.63		82-0419	
							7	4.7	0	MRRM		0.111	0.92	5.91	1.88		82-0419	
4-061-05	MI	NW1/4	30	16S 24E	Hunt-Martin Materials	800311												
							A	6.3	0	LFRLY			0.83	12.34	2	28	06-0804	4/10/2006
							1	10	0	ARGN	93	0.054	0.95	5.83	3.6	35	06-0804	4/10/2006
							2	5.5	0	ARGN	94	0.015	0.95	5.92	3.1	37	06-0804	4/10/2006
							3	8	0	ARGN							06-0804	4/10/2006
							4	7.4	2	ARGN	97	0.008	0.90	1.41	2.2	32	06-0804	4/10/2006
							5	7.5	1	ARGN	96	0.008	0.98	1.49	2.9	43	06-0804	4/10/2006
							6	4	0	ARGN	94	0.012	0.98	4.57	1.8	30	06-0804	4/10/2006
							7	2.4	0	ARGN							06-0804	4/10/2006
							8	4.5	0	ARGN							06-0804	4/10/2006
							9	6	0	ARGN	92	0.027	0.89	5.84	2.3	48	06-0804	4/10/2006
4-061-09	MI	W1/2 E1/2	7 12	16S 25E 16S 24E	APAC Kansas	804008												
							1	10	2	FRLY	97	0.013	0.98	2.17	1.7	27	09-3453	2/11/2003
							2	16.5	2	FRLY	99	0.009	0.97	1.31	2.7	33	09-3453	2/11/2003
							3	7.5	0	FRLY	94	0.014	0.94	6.23	2.3	30	09-3453	2/11/2003
							4	13.2	0	ARGN	44	0.127	0.85	8.67	2.6	30	09-3453	2/11/2003
4-061-11	MI	NE1/4	30	18S 24E	Wade Quarries	805010												
							1	2.3	0	BFLS	94	0.018	0.98	11.19	1.5	29	05-0306	2/1/2005
							2	9.4	0	BFLS			0.89	2.38	3.7	54	05-0306	2/1/2005
							3	10.8	1	BFLS	96	0.013	0.96	4.91	2.9	35	05-0306	2/1/2005

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## The "A" Listing

Quarry #	Co.	Legal Description			Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
		Parcel	Sec	Twp														
4-063-01	MG	SW1/4	18	32S	14E	Midwest Minerals, Inc.	801710											
							1	5	2	SNBD	99	0.008	0.99	1.52	1.92		80-2478	
							2	18	1	SNBD	95	0.020	0.97	1.14	3.9		80-2478	
							3	8	0	SNBD	73	0.090	0.95	5.83	1.31		80-2478	
							4	15.5	0	STNR	93	0.024	0.95	5.08	1.5	29	11-0613	
4-063-02	MG	NE1/4	34	34S	17E	Midwest Minerals, Inc.	801707											
							1	3	1	WRLD	95	0.013	0.94	7.87	3.65		81-0931	7/14/1995
							2	8	2	WRLD	99	0.015	0.95	3.32	3.28		81-0931	7/14/1995
							3	3.5	1	WRLD	98	0.017	0.91	4.45	2.63		81-0931	7/14/1995
							4	1.3	0	AMRT		0.125	0.79	13.46	2.84		81-0931	7/14/1995
							5	6.2	2	AMRT	99	0.013	0.92	3.60	3.13		81-0931	7/14/1995
							6	4.5	2	AMRT	98	0.013	0.91	2.05	2.07		81-0931	7/14/1995
4-063-03	MG	NW1/4	22	31S	17E	Midwest Minerals, Inc.	801708											
							1	3.7	2	WNRS	98	0.009	0.95	4.17	2.72	28	97-3417	8/4/1997
							2	6.1	2	WNRS	97	0.009	0.93	3.97	2.32	29	97-3417	8/4/1997
							3	7.9	0	WNRS			0.82	5.68	3.08	34	97-3417	8/4/1997
							4	5.5	0	WNRS	85	0.044	0.87	5.05	2.53	29	97-3417	8/4/1997
							5	4.1	0	WNRS	59	0.135	0.86	15.64	2.36	29	97-3417	8/4/1997
							6	3.1	0	WNRS			0.84	6.38	2.52	29	97-3417	8/4/1997
4-063-04	MG	NE1/4	23	31S	15E	Scott Rock Co.	805801											
							1	4.7	2	SPGH	98	0.009	0.90	3.55	1.34		87-0585	
							2	8	2	SPGH	98	0.005	0.96	3.41	1.52		87-0585	
							3	5.6	2	SPGH	99	0.009	0.92	3.42	1.45		87-0585	
							4	5.8	2	SPGH	99	0.013	0.92	3.90	1.47		87-0585	
4-063-05	MG	NE1/4	16	32S	15E	Midwest Minerals, Inc.	801709											
							1	5.3	2	CPCK	97	0.012	0.92	2.80	2.48	32	91-1344	12/6/1999
							2	9.5	1	CPCK	95	0.014	0.93	1.10	2.54	42	91-1344	12/6/1999
							3	15.1	1	CPCK	95	0.015	0.93	0.70	2.59	47	91-1344	12/6/1999
							4	4.3	1	CPCK	96	0.019	0.90	2.20	2.41	27	91-1344	12/6/1999
							5	5.9	1	CPCK	97	0.020	0.89	3.20	2.97	33	91-1344	12/6/1999
							6	2.8	0	CPCK	85	0.094	0.89	7.90	2.01	26	91-1344	12/6/1999

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Quarry #	Co.	Parcel	Legal Description			Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
4-063-06	MG	NW1/4	15	31S	17E	Nelson Quarries, Inc.	800117												
								1	5	2	WNRS	99	0.000	0.96	2.25	3.33	32	95-4817	11/28/1995
								2	7.8	2	WNRS	98	0.004	0.91	3.95	3.8	38	95-4817	11/28/1995
								3	6.8	1	WNRS	95	0.010	0.90	2.65	4.16	43	95-4817	11/28/1995
								4	2	0	WNRS	84	0.040	0.89	5.63	2.82	30	95-4817	11/28/1995
								5	7.5	2	WNRS	98	0.007	0.90	3.20	2.44	29	95-4817	11/28/1995
								6	8.5	0	WNRS			0.83	7.01	2.4	32	96-2945	7/12/1996
								7	6.5	0	WNRS			0.84	8.91	2.33	29	96-2945	7/12/1996
4-067-02	NO	NE1/4	19	27S	18E	Harry Byers and Sons Inc.	805901												
								1	5.2	2	RYTN	99	0.013	0.98	6.02	0.94		82-0213	
								2	6	0	RYTN	89	0.055	0.96	4.42	1.23		82-0213	
								3	4.9	0	RYTN		0.101	0.92	3.74	1.83		82-0213	
								4	8.4	0	RYTN		0.102	0.93	5.15	1.29		82-0213	
								5	5.9	0	RYTN	92	0.030	0.93	3.17	1.68		82-0213	
								6	1.5	0	RYTN		0.104	0.84	12.42	2.19		82-0213	
4-067-03	NO	SE1/4	9	29S	19E	Midwest Minerals, Inc.	801711												
								1	6	0	WNRS	94	0.034	0.93	8.99	1.58		82-0235	
								2	8	1	WNRS	97	0.016	0.94	1.51	3.86		82-0235	
								3	6	1	WNRS	96	0.016	0.95	1.90	4.47		82-0235	
								4	13	0	WNRS	92	0.031	0.94	2.32	3.14		82-0235	
								5	5	1	WNRS	95	0.021	0.97	1.43	3.24		82-0235	
4-067-04	NO	SW1/4	30	28S	19E	Midwest Minerals, Inc.	801718												
								1	4.5	1	WNRS	99	0.018	0.96	3.66	1.92		82-2460	
								2	3.5	0	WNRS		0.105	0.91	9.29	3.22		82-2460	
								3	5	0	WNRS	74	0.080	0.93	7.05	2.44		82-2460	
								4	4	1	WNRS	97	0.020	0.97	2.29	4.45		82-2460	
								5	8.5	1	WNRS	96	0.018	0.98	2.14	5.03		82-2460	
4-067-06	NO	SE1/4	12	27S	20E	Whitaker Aggregates, Inc.	800211												
								1	8	0	WNRS	93	0.021	0.93	4.96	2.2	31	06-3897	9/19/2006
								2	15	0	WNRS	94	0.015	0.93	4.01	3.1	42	06-3897	9/19/2006
4-103-01	WL	NW1/4	27	30S	15E	Midwest Minerals, Inc.	801712												
								1	6.2	1	STNR	96	0.005	0.97	1.50	2.58	37	98-1022	9/2/2004
								2	23	1	STNR	96	0.006	0.97	1.16	2.52	41	98-1022	9/2/2004

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## The "A" Listing

Quarry #	Legal Description				Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
	Co.	Parcel	Sec	Twp Rng														
4-103-02	WL	SE1/4	2	28S 15E	Midwest Minerals, Inc.	801715	1	6	2	CPCK	99	0.000	0.96	3.20	2.14	80-2658		
							2	14	1	CPCK	95	0.020	0.93	3.02	2.54	80-2658		
							3	5	2	CPCK	98	0.000	0.97	3.45	2.49	80-2658		
							4	4	0	CPCK	64	0.158	0.96	7.89	1.2	80-2658		
4-103-03	WL	NE1/4	36	29S 14E	Midwest Minerals, Inc.	801717	1	6	2	STNR	98	0.014	0.96	4.12	1.75	82-1144		
							2	7.5	0	STNR	93	0.027	0.87	4.41	2.55	82-1144		
							3	9.5	0	STNR	95	0.026	0.92	5.51	2.69	82-1144		
4-103-04	WL	NW1/4	22	27S 16E	APAC Kansas, Shears Division	800407	1	6	0	STNR	92	0.020	0.94	2.92	2.29	83-0091		
							2	5.4	0	STNR	93	0.024	0.92	3.52	3.19	83-0091		
							3	8.6	2	STNR	98	0.012	0.98	1.63	3.67	83-0091		
4-103-06	WL	S1/2	36	27S 15E	Nelson Quarries, Inc.	800110	1	2.3	2	CPCK	98	0.012	0.89	8.15	2.07	27	92-3983	
							2	10.8	0	CPCK	88	0.048	0.93	5.71	2.43	28	92-3983	
							3	19.5	0	CPCK	92	0.019	0.95	8.36	2.45	31	92-3983	
							4	4.1	0	CPCK			0.84	8.14	2.46	27	92-3983	
4-103-07	WL	W1/2*SW1/4	25	30S 15E	Nelson Quarries, Inc.	800107	1	2.6	1	SNBD	96	0.022	0.94	4.54	1.55	27	97-5426 11/14/1997	
							2	11.6	1	STNR	95	0.020	0.90	6.13	2.39	36	97-5426 11/14/1997	
							3	7.4	0	STNR	88	0.049	0.85	5.95	1.65	32	97-5426 11/14/1997	
							4	13.7	0	STNR		0.076	0.90	13.23	2.14	25	97-5426 11/14/1997	
							5	9.5	0	STNR	72	0.096	0.86	8.83	1.89	32	98-1946 6/8/1998	
							6	6	0	STNR			0.83	9.55	2.66	30	98-1946 6/8/1998	
							7	10.5	0	STNR			0.84	7.97	2.44	30	98-1946 6/8/1998	
4-103-08	WL	NE1/4	27	30S 15E	Midwest Minerals, Inc.	801722	1	12.5	2	STNR	98	0.010	0.95	2.23	1.09	28	98-1632 5/27/1998	
							2	22.3	2	STNR	97	0.010	0.97	1.14	1.86	34	98-1632 5/27/1998	
4-104-01	WO	SE1/4	1	25S 14E	Sedan Limestone Co.	801606	1	4.3	1	TRNT	95	0.016	0.87	5.47	2.41	83-2324		
							2	4.8	0	TRNT		0.100	0.93	5.97	2.5	83-2324		

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## The "A" Listing

Quarry #	Legal Description				Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit	
	Co.	Parcel	Sec	Twp															Rng
4-104-02	WO	W1/2	19	26S	16E	Harshman Construction, L.L.C.	800111	1	2	1	SNBD	99	0.017	0.94	6.15	1.3	83-2530	5/2/1996	
								2	16.3	0	STNR	88	0.022	0.86	4.44	3.53	83-2530	5/2/1996	
								3	13.2	1	STNR	97	0.018	0.95	2.51	2.9	83-2530	5/2/1996	
4-104-03	WO		26	25S	13E	Couch Materials	801924	1	7.5	0	TRNT			0.81	4.90	2.67	31	92-0087	
								2	3.1	0	TRNT	94	0.019	0.86	4.90	3.21	32	92-0087	
5-008-01	BU	NW1/4	20	26S	4E	Quality Rock Co.	803102	1	5.7	2	TWND	99	0.013	0.97	8.67	2.03		81-0530	
								2	1	2	TWND	100	0.011	0.97	5.49	2.4		81-0530	
								3	2.8	2	TWND	98	0.013	0.98	13.72	2.98		81-0530	
5-008-02	BU		7	27S	4E	Martin-Marietta		1	1.3	0	CRSL	51	0.019	0.23	36.78	10.07		82-0106	4/14/2003
								2	3.2	0	CRSL	96	0.008	0.60	29.74	6.39		82-0106	4/14/2003
								3	2.3	0	CRSL		0.207	0.09	31.38	10.28		82-0106	4/14/2003
								4	2.6	2	CRSL	100	0.006	0.88	10.57	4.03		82-0106	4/14/2003
								5	0.9	0	CRSL	99	0.008	0.52	19.79	6.08		82-0106	4/14/2003
								6	10.8	2	CRSL	100	0.005	0.96	9.67	5.82		82-0106	4/14/2003
5-008-03	BU	SW1/4	29	28S	4E	Southwest Butler Quarry	801301	1	5.3	2	CRSL	99	0.009	0.92	6.56	4.15	27	96-0155	1/25/1996
								2	6.6	0	CRSL			0.55	6.60	6.58	35	96-0155	1/25/1996
								3	4.7	1	CRSL	96	0.003	0.91	10.32	5.66	30	96-0155	1/25/1996
								4	9.7	0	CRSL			0.84	4.61	9.44	40	96-0155	1/25/1996
								5	3.5	0	CRSL			0.36	9.20	8.94	52	96-0155	1/25/1996
								6	4	0	CRSL			0.45	16.68	7.15	31	96-0155	1/25/1996
								7	6.1	0	CRSL			0.75	12.88	4.8	34	00-0565	3/1/2000
								8	7.1	0	CRSL			0.80	15.43	3.9	30	00-0565	3/1/2000
5-018-01	CL	NW1/4	12	34S	7E	Whitaker Aggregates, Inc.	800205	D	7.2	2	NEVA	97	0.009	0.89	24.85	3.4	28	10-0354	8/26/2004
								C	10	0	NEVA	45	0.256	0.96	5.52	1.6	25	10-0354	8/26/2004
								1	1.9	0	HOWE			0.79	9.49	3.52	27	80-2136	7/13/1995
								2	2.9	2	HOWE	100	0.011	0.93	6.17	3.1	33	04-3561	8/26/2004
								3	7.5	2	BNNT	99	0.014	0.88		2.7	35	04-3561	8/26/2004
								4	5.5	1	GLCK	99	0.016	0.90		3.6	36	04-3561	8/26/2004
								5	4	2	GLCK	98	0.015	0.94	8.20	2.7	35	04-3561	8/26/2004

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Quarry #	Legal Description	Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
Co.	Parcel	Sec Twp Rng													
5-018-02	CL	N1/2	28 32S 8E	Martin-Marietta	802443										
						1	6	2	BNNTR	99	0.005	0.95	4.13	2.27	23 94-4868 10/31/1996
						2	5	2	BNNTR	98	0.009	0.89	2.80	2.94	31 94-4868 10/31/1996
						3	4.2	2	BNNTR	99	0.010	0.87	4.07	2.52	32 94-4868 10/31/1996
5-018-03	CL	NW1/4	12 34S 7E	Hunt Midwest	803511										
						1	3.8	0	NEVA			0.77	8.41	1.89	25 95-2413 8/20/2001
						2	2.7	0	NEVA		0.251	0.91	4.96	2.05	22 95-2413 8/20/2001
						3	3.3	0	NEVA		0.133	0.87	8.21	1.76	24 95-2413 8/20/2001
						5	3.7	2	HOWE	100	0.005	0.97	6.99	2.25	24 95-2413 8/20/2001
						6	7.3	2	BNNTR	100	0.005	0.94	3.31	2.1	26 95-2413 8/20/2001
						7	5.8	2	GLCK	99	0.005	0.90	2.65	3.29	31 95-2413 8/20/2001
						8	3.8	0	GLCK			0.81	18.94	5.52	31 95-2413 8/20/2001
						9	2.2	0	GLCK			0.83	7.81	1.77	23 95-2413 8/20/2001
5-018-04	CL		29 32S 8E	Martin-Marietta	808502										
						1	4.9	2	BNNTR	99	0.007	0.97	2.99	1.97	27 98-5084 11/20/1998
						2	4.8	2	BNNTR	98	0.010	0.96	12.53	2.3	29 98-5084 11/20/1998
						3	5.6	2	BNNTR	99	0.008	0.91	6.35	2.55	29 98-5084 11/20/1998
5-018-05	CL	NE 1/4 of NW 1/4	21 32S 8E	Whitaker Aggregates, Inc.	802444										
						A	1.4	0	HOWE	91	0.030	0.94	8.82	1.6	24 10-2163 7/19/2010
						1	5	2	BNNTR	100	0.007	0.96	9.82	3	30 10-2163 7/19/2010
						2	5	2	BNNTR	100	0.005	0.95	5.11	2.9	34 10-2163 7/19/2010
						3	6.5	2	BNNTR	100	0.005	0.96	3.76	2.6	33 10-2163 7/19/2010
5-080-01	RC	SW1/4	11 20S 6W	Hallet Const. Co.	802507										
						1	2	2	CODO	99	0.007	0.94	3.05	5.7	83-1659
						2	2.5	2	CODO	99	0.008	0.96	3.95	5.69	83-1659
						3	2.5	2	CODO	100	0.009	0.91	7.00	6.77	83-1659



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Quarry #	Legal Description	Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit	
Co.	Parcel	Sec Twp Rng														
MO-003	PL	36 51N 34W	Hunt-Martin Materials	807301												
					1	2.6	2	ARGN	100	0.009	0.97	4.74	1.67	81-2826	3/5/2003	
					2	3	2	ARGN	98	0.008	0.92	5.43	2.17	81-2826	3/5/2003	
					3	4.4	0	ARGN	82	0.052	0.82	6.95	2	81-2826	3/5/2003	
					4	3.2	0	ARGN		0.111	0.91	4.55	1.32	81-2826	3/5/2003	
					5	3.2	0	ARGN		0.127	0.86	7.22	2	81-2826	3/5/2003	
					6	2.6	0	WNRS			0.77	13.01	4.86	46	81-2826	3/5/2003
					7	6.1	0	WNRS	79	0.094	0.91	6.78	2.47	29	81-2826	3/5/2003
					8	3.3	0	WNRS			0.59	26.82	5.68	34	81-2826	3/5/2003
					9	5.4	1	BFLS	96	0.010	0.96	2.09	1.9	37	81-2826	3/5/2003
					10	8.3	2	BLFS	98	0.013	0.95	2.79	1.4	30	04-4071	9/22/2004
					11	7	1	BLFS	95	0.025	0.95	2.08	1.9	36	04-4071	9/22/2004
					12	2.2	0	BFLS			0.67	37.15	5.63	33	81-2826	3/5/2003
MO-004	PL	W1/2	1 52N 34W	Midwest Precote Co.												
					1	3	0	STNR		0.107	0.77	9.53	2.24	82-0313		
					2	3.3	1	STNR	95	0.018	0.97	3.51	1.72	82-0313		
					3	2.7	0	STNR	92	0.026	0.96	3.33	1.75	82-0313		
					4	4	0	STNR		0.124	0.88	8.33	2.46	82-0313		
					5	4	0	CPCCK		0.109	0.95	7.49	1.36	82-0313		
					6	4	0	SPGH		0.129	0.78	25.80	4.75	82-0313		
					7	6	0	SPGH		0.104	0.78	19.00	3.67	82-0313		
					8	3	0	SPGH		0.104	0.90	19.26	3.39	82-0313		
MO-005	CA	2 46N 31W	Hunt-Martin Materials													
					1	2.2	0	WNRS		0.109	0.90	14.44	1.99	82-0494		
					2	3	0	WNRS		0.122	0.98	11.46	1.96	82-0494		
					3	9	0	WNRS		0.144	0.94	8.75	2.9	82-0494		
					4	4	0	BFLS		0.107	0.90	7.54	1.45	82-0494		
					5	3	1	BFLS	96	0.015	0.98	3.04	1.09	82-0494		
					6	5.7	0	BFLS	58	0.117	0.98	4.98	1.8	82-0494		
					7	4.8	0	BFLS	85	0.035	0.88	5.98	2.06	82-0494		
MO-007	BA	SE1/4	9 30N 30W	Midwest Minerals, Inc.	801716											
					A	7.5	1	WRSW	95	0.018	0.95	1.82	2.1	82-0936		
					1	10	1	WRSW	96	0.014	0.99	0.63	1.32	82-0936		
					2	9	0	WRSW	94	0.025	0.96	0.62	1.23	82-0936		
					3	11.5	0	WRSW	92	0.025	0.96	0.63	1.65	82-0936		
					4	8.9	0	WRSW	94	0.019	0.96	0.74	1.54	82-0936		
					5	7	0	WRSW	91	0.029	0.98	0.73	1.11	82-0936		

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Quarry #	Co.	Legal Description			Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
		Parcel	Sec	Twp														
MO-008	JA	SW1/4	19	50N	31W	Carefree Quarries	807602											
							1	4.5	1	WNRS	99	0.020	0.95	12.85	2.02		84-0022	
							2	9.9	2	WNRS	99	0.013	0.94	5.84	2.13		84-0022	
							3	5.8	0	WNRS	73	0.054	0.86	8.51	2.63		84-0022	
							4	3	0	BFLS	93	0.014	0.85	5.38	1.21		84-0022	
							5	7	2	BFLS	99	0.011	0.92	2.18	0.93		84-0022	
							6	6.4	1	BFLS	98	0.024	0.90	7.76	1.18		84-0022	
							7	5.6	2	BFLS	97	0.013	0.92	3.30	1.8		84-0022	
							8	3	0	BFLS	95	0.029	0.93	4.96	1.71		84-0022	
MO-009	JA	NE1/4	25	50N	32W	Carefree Quarries												
							1	7	0	BFLS	91	0.035	0.88	4.94	1.21		84-0023	
							2	5.6	1	BFLS	96	0.015	0.89	4.10	1.29		84-0023	
							3	2	1	BFLS	96	0.022	0.91	4.02	1.55		84-0023	
MO-010	JA	SW1/4	13	51N	31W	W. A. Ellis Constr. Co.												
							1	8	0	WNRS			0.59	43.91	4.58		84-3553	
							2	2.5	0	WNRS			0.29	40.93	8.25		84-3553	
							3	7	0	WNRS		0.115	0.92	16.33	2.43		84-3553	
							4	6	0	WNRS			0.83	7.13	2.56		84-3553	
							5	6	1	BFLS	98	0.020	0.89	3.01	2.1		84-3553	
							6	7	1	BFLS	95	0.022	0.92	2.84	0.94		84-3553	
							7	6	0	BFLS	87	0.050	0.88	4.51	2.51		84-3553	
MO-011	PL	SW1/4	3	50N	33W	Parkville Stone Co.	808002											
							1	2.1	2	BFLS	97	0.007	0.90	2.27	1.14		87-0673	
							2	3.5	0	BFLS	81	0.021	0.89	4.92	1.94		87-0673	
							3	3.8	0	BFLS	86	0.028	0.89	5.53	2.54		87-0673	
							4	4.1	1	BFLS	96	0.007	0.93	3.95	2.46		87-0673	
MO-013	PL	SE1/4	35	51N	34W	Parkville Stone Co.												
							1	2.6	2	ARGN	99	0.009	0.96	5.03	1.78		87-0678	
							2	3	1	ARGN	96	0.016	0.91	5.83	2.12		87-0678	
							3	4.4	2	ARGN	97	0.010	0.90	7.06	1.6		87-0678	
							4	3.2	2	ARGN	97	0.011	0.92	7.12	1.45		87-0678	
							5	3.2	2	ARGN	99	0.008	0.92	5.79	1.3		87-0678	

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Quarry #	Legal Description	Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit		
Co.	Parcel	Sec Twp Rng															
MO-014	CY	NW1/4	3 52N 31W	Clarkson Const Co.													
					1	3.2	2	WNRS	99	0.015	0.95	13.10	2.36	22	91-0239		
					2	6.2	2	WNRS	98	0.009	0.95	5.70	1.8	25	91-0239		
					3	4.8	2	WNRS	97	0.012	0.88	4.50	2.07	28	91-0239		
					4	2.3	0	BFLS			0.83	6.80	1.41	29	91-0239		
					5	5.9	2	BFLS	98	0.011	0.87	3.40	1.27	26	91-0239		
					6	6.1	0	BFLS	93	0.030	0.89	3.50	1.43	24	91-0239		
					7	3.9	0	BFLS	88	0.028	0.92	4.13	1.98	26	91-0239		
MO-015	JP	NW1/4	26 28N 32W	Joplin Stone, Griesmer Co.	807101												
						1	8	0	WRSW	94	0.018	0.93	1.87	1.88	40	92-1378	
						2	37	1	WRSW	96	0.015	0.92	2.51	0.69	29	92-1378	
MO-019	CA		26 45N 33W	Beyer Crushed Rock Co.	806901												
						1	2.3	0	WNRS	77	0.063	0.88	22.08	2.41	20	92-3984	
						2	2.9	0	WNRS		0.130	0.92	13.41	2.34	22	92-3984	
						3	6.3	0	WNRS		0.113	0.91	8.36	3.25	27	92-3984	
						4	7	0	WNRS	92	0.021	0.91	7.69	4.82	35	92-3984	
						5	6.6	2	BFLS	98	0.009	0.94	5.50	1.65	28	92-3984	
						6	10.5	2	BFLS	97	0.007	0.94	3.01	1.47	27	92-3984	
MO-020	AD		19 59N 35W	Idecker, Inc.	835401												
						1	2.1	2	KRFD	98	0.015	0.93	3.61	1.4	20	92-4640	7/14/1995
						2	3.6	2	KRFD	98	0.011	0.91	2.62	2.03	24	92-4640	7/14/1995
						3	2.2	0	KRFD		0.111	0.90	8.91	2.8	26	92-4640	7/14/1995
MO-021	CS	SW1/4*NE1/4	7 45N 32W	Hunt-Martin Materials	802435												
						A	6.3	1	WESV	96	0.014	0.87	1.86	2	24	02-4673	2/21/2006
						1	3.3	0	WNRS	95	0.030	0.90	12.39	1.18	21	95-0633	2/21/2006
						2	5.3	0	WNRS			0.74	43.36	4.79	24	95-0633	2/21/2006
						3	2.6	0	WNRS			0.79	19.69	2.55	25	95-0633	2/21/2006
						4	1.9	0	WNRS			0.64	14.68	4.18	27	95-0633	2/21/2006
						5	2.7	0	WNRS		0.236	0.85	21.91	3.19	36	95-0633	2/21/2006
						6	7.3	0	WNRS	88	0.016	0.86	9.36	4.55	22	95-0633	2/21/2006
						7	1.3	0	WNRS			0.42	16.81	5.2	33	95-0633	2/21/2006
						8	1.3	0	WNRS			0.68	19.08	3.96	28	95-0633	2/21/2006
						9	2.3	2	BFLS	97	0.011	0.85	9.13	2.14	26	95-0633	2/21/2006
						10	15.5	0	BFLS	86	0.033	0.96	6.00	2.1	30	02-4673	2/21/2006
						11	10.8	1	BFLS	96	0.009	0.93	5.50	1.54	28	95-0633	2/21/2006

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Quarry #	Legal Description				Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
	Co.	Parcel	Sec	Twp Rng														
MO-022	JP	W1/2*SE1/4	34	28N 32W	Anchor Stone Co.	836402												
							1	13.3	1	WRSW	97	0.022	0.94	2.72	0.6	28	96-4942	10/31/1996
							2	5.7	1	WRSW	96	0.020	0.97	1.50	0.83	33	96-4942	10/31/1996
							3	8.5	1	WRSW	97	0.023	0.92	1.83	0.67	27	96-4942	10/31/1996
							4	5	0	WRSW		0.100	0.90	66.07	2.03	20	96-4942	10/31/1996
							5	7.5	0	WRSW	91	0.031	0.89	22.60	1.27	26	96-4942	10/31/1996
MO-023	AD	SE1/4	28	59N 35W	Norris Aggregate Products (N.P.A.)	802439												
							M	1.4	0	KRFD	90	0.059	0.94	5.74	1.3	20	04-4914	11/4/2004
							L	2.8	2	KRFD	98	0.017	0.97	11.93	2.2	28	04-4914	11/4/2004
							K	2.7	0	KRFD	35	0.368	0.88	16.08	2.4	26	04-4914	11/4/2004
							1	1.3	0	AMZN			0.77	18.19	3.04	30	97-3522	2/5/2010
							2	3.3	2	AMZN	98	0.013	0.88	1.81	1.81	31	97-3522	2/5/2010
							3	4.7	2	AMZN	99	0.011	0.94	5.68	3.15	32	97-3522	2/5/2010
MO-024	PE	NW1/4	17	46N 21W	Fischer Quarries													
							1	4	0	BLTN	93	0.025	0.96	0.95	0.72	31	97-4620	10/2/1997
							2	10.9	1	BLTN	96	0.019	0.97	5.49	1.3	41	97-4620	10/2/1997
							3	9.8	1	BLTN	96	0.018	0.96	0.76	0.94	32	97-4620	10/2/1997
MO-025	HE		3	40N 24W	Hilty Quarries, Inc.	838401												
							1	15	2	BLTN	96	0.011	0.93	5.46	1.12	35	98-1087	4/16/1998
							2	10.2	0	BLTN	94	0.017	0.96	2.35	0.73	30	98-1087	4/16/1998
							3	5.5	0	BLTN	93	0.020	0.97	5.16	1	29	06-0946	4/18/2006
							4	36	0	BLTN	72	0.067	0.92	6.72	1.3	35	06-0946	4/18/2006
							5	22	0	BLTN	80	0.054	0.91	6.47	1	41	06-0946	4/18/2006
							6	5	2	BLTN	99	0.007	0.99	36.26	4.6	35	06-0946	4/18/2006
							7	33	0	CHTU			0.81	27.08	4.2	37	06-0946	4/18/2006
MO-026	PE		23	46N 22W	La Farge Corp.													
							1	24	0	BLTN	87	0.030	0.95	3.84	1.33	34	98-1088	4/24/1998
							2	8.4	1	BLTN	96	0.014	0.98	2.02	2.16	39	98-1088	4/24/1998
MO-027	TA	NE1/4	2	23N 22W	Compton Pierson Dev.	840301												
							1	18	1	PRSN	97	0.025	0.97	3.33	0.6	21	00-2473	6/23/2000
							2	14.8	2	COMP	99	0.015	0.89	6.21	0.7	25	00-2473	6/23/2000
							3	13.3	2	COTR	98	0.012	0.88	10.55	4.38	34	00-2473	6/23/2000
MO-029	JA		13	50N 32W	La Farge Corp.	600609												
					CONTACT PRODUCER FOR RESTRICTIONS													
							1	44	1	STLU	97	0.020	0.92	7.49	0.9	23	02-4671	11/22/2002

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Quarry #	Legal Description				Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit	
	Co.	Parcel	Sec	Twp Rng															
MO-034	PLA	SW1/4*NE1/4	2	52N 34W	Hunt-Martin Materials	803512													
CONTACT PRODUCER FOR RESTRICTIONS																			
							1	6.6	1	BFLS	97	0.016	0.96	3.00	1.3	29	07-0191	2/8/2007	
							2	7.5	0	BFLS	83	0.045	0.92	4.63	1.8	31	07-0191	2/8/2007	
MO-037	SL		4	48N 21W	Lafarge North America	600615													
							5	24	2	CDRVL	99	0.011	0.92	1.42	0.6	30	06-4463	11/16/2006	
MO-038	CL	SW1/4	35	51N 32W	Hunt-Martin Materials	802456													
							1	6.6	1	BFLS	97	0.017	0.88	4.62	1	25	06-2663	7/24/2006	
							2	6	1	BFLS	95	0.022	0.95	3.25	1.5	27	06-2663	7/24/2006	
MO-040	CL		3	50N 32W	Hunt-Martin Materials														
							1	25	0	BLTN	91	0.047	0.99	1.68	0.7	28	08-0240	2/19/2008	
MO-041	SF		25	37N 4E	Base Rock Minerals, Bonne Terre, MO														
			30	37N 5E															
							1	23.4	2	BNTR	100	0.005	0.99	3.31	0.6	22	08-1844	7/25/2008	
							2	12	2	BNTR	100	0.006	0.99	3.02	0.6	22	08-1844	7/25/2008	
							3	37	2	BNTR	100	0.013	0.98	3.27	0.8	23	08-1844	7/25/2008	
MO-042	JA	S1/2	23	48N 33W	Damon Pursell Construction Co.														
							1	11.2	0	SNBR	87	0.032	0.90	10.32	3.1	30	08-2058	8/12/2008	
MO-043	JP	SE1/4*NE1/4	13	30N 31W	Jasper Stone, LLC														
							1	20	2	WRSW	97	0.011	0.96	0.95	0.8	9	10-2636	8/24/2010	
NE-002	CS	NW1/4	3	10N 11E	Martin-Marietta														
							1	3.5	1	KRFD	95	0.024	0.97	3.12	1.67		82-2983		
							2	5	0	PLSM	94	0.022	0.97	1.87	1.61		82-2983		
							3	5.1	0	PLSM	96	0.027	0.98	1.46	2.76		82-2983		
							4	3.2	0	PLSM	90	0.045	0.96	2.32	1.83		82-2983		
							5	5	0	PLSM	95	0.029	0.96	1.30	0.49		82-2983		
							6	3.2	1	PLSM	96	0.022	0.97	2.09	0.63		82-2983		
NE-003	CS	SW1/4	2	10N 11E	Martin-Marietta	802425													
							1	1.5	0	KRFD	82	0.065	0.88	4.42	1.68		82-2990		
							2	5.6	2	PLSM	97	0.011	0.96	1.15	2.16		82-2990		
							3	5	2	PLSM	98	0.015	0.93	1.61	0.98		82-2990		
							4	5.3	2	PLSM	98	0.014	0.96	1.43	0.67		82-2990		
							5	4.6	1	PLSM	98	0.016	0.97	1.80	0.6		82-2990		

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Quarry #	Legal Description			Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
	Co.	Parcel	Sec Twp Rng														
OK-002		SW1/4	36 4N 12W	Dolese Bros.	809001												
						1	20	1	ARBU	99	0.018	0.98	4.21	0.44		83-0661	
						2	16	1	ARBU	99	0.017	0.99	7.49	0.52		83-0661	
						3	7	1	ARBU	95	0.018	0.96	32.91	0.49		83-0661	
						4	5	0	ARBU	94	0.058	0.95	13.80	0.18		83-0661	
						5	14	0	ARBU	92	0.040	0.92	12.84	0.78		83-0661	
						6	10	1	ARBU	96	0.025	0.98	11.14	0.53		83-0661	
						7	11	1	ARBU	97	0.025	0.97	11.19	1.99		83-0661	
						8	6	0	ARBU	77	0.075	0.95	12.99	1.14		83-0661	
						9	9	0	ARBU	73	0.085	0.91	12.17	1.36		83-0661	
						10	12	0	ARBU	95	0.033	0.92	11.82	0.89		83-0661	
						11	2.7	1	ARBU	97	0.018	0.85	13.29	2.04		83-0661	
						12	9	0	ARBU	96	0.027	0.93	10.73	0.62		83-0661	
						13	18	1	ARBU	97	0.025	0.97	7.68	0.47		83-0661	
						14	6	1	ARBU	97	0.020	0.98	7.37	0.4		83-0661	
						15	13	0	ARBU	95	0.036	0.98	11.37	0.98		83-0661	
						16	3.3	0	ARBU	94	0.040	0.94	19.66	1.75		83-0661	
						17	21	0	ARBU	97	0.029	0.97	3.99	0.49		83-0661	
						18	46	0	ARBU	96	0.035	0.98	6.09	0.47		83-0661	
						19	42	1	ARBU	97	0.025	0.98	5.08	0.59		83-0661	
						20	18	0	ARBU	96	0.031	0.92	19.35	1.07		83-0661	
						21	33	0	ARBU	95	0.031	0.93	8.17	0.96		83-0661	
						22	7	1	ARBU	99	0.025	0.98	6.81	0.35		83-0661	
						23	11.5	1	ARBU	97	0.016	0.85	15.57	1.68		83-0661	
						24	9	0	ARBU	96	0.034	0.97	6.23	0.69		83-0661	
						25	8	0	ARBU	83	0.040	0.85	9.74	1.66		83-0661	
						26	16	0	ARBU	81	0.049	0.85	17.22	1.67		83-0661	
						27	25	0	ARBU	97	0.027	0.97	18.26	0.74		83-0661	
						28	16	0	ARBU	97	0.029	0.99	8.67	0.56		83-0661	
						29	16	0	ARBU	98	0.029	0.99	13.78	0.58		83-0661	
						30	6	0	ARBU			0.76	13.78	3.37		83-0661	
						31	17	0	ARBU	97	0.026	0.98	9.49	0.6		83-0661	
						32	23	1	ARBU	98	0.023	0.94	6.49	0.45		83-0661	
						33	25	1	ARBU	97	0.022	0.98	9.59	0.49		83-0661	
						34	15	0	ARBU	92	0.040	0.96	7.68	0.71		83-0661	
						35	19	0	ARBU	94	0.028	0.93	8.39	1.03		83-0661	
						36	16	0	ARBU			0.81	4.55	1.01		83-0661	
						37	5	0	ARBU	95	0.038	0.96	5.58	2.18		83-0661	
						38	11	1	ARBU	96	0.022	0.89	14.35	1.63		83-0661	
						39	39	0	ARBU	96	0.031	0.95	6.57	0.67		83-0661	

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Quarry #		Legal Description			Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
Co.	Parcel	Sec	Twp	Rng														
							40	17	0	ARBU	83	0.045	0.93	11.24	1.22		83-0661	
							41	5	0	ARBU	88	0.051	0.91	7.70	0.74		83-0661	
							42	10	0	ARBU	93	0.039	0.93	6.90	0.73		83-0661	
							43	12	0	ARBU	94	0.030	0.97	21.42	1.16		83-0661	
							44	7	1	ARBU	98	0.022	0.97	6.03	0.47		83-0661	
							45	36	0	ARBU	98	0.027	0.98	4.58	0.42		83-0661	
							46	20	0	ARBU	85	0.047	0.91	16.16	0.89		83-0661	
							47	4	2	ARBU	97	0.015	0.95	14.89	0.65		83-0661	
							48	11	1	ARBU	96	0.013	0.96	8.44	0.66		83-0661	
							49	8	2	ARBU	100	0.009	0.87	12.23	1.34		83-0661	
							50	14	0	ARBU	86	0.051	0.92	4.25	0.74		83-0661	
							51	8	1	ARBU	98	0.018	0.98	11.63	0.53		83-0661	
							52	10	2	ARBU	98	0.015	0.98	9.85	0.65		83-0661	
							53	11	0	ARBU	94	0.029	0.90	11.27	1.18		83-0661	
							54	19	0	ARBU	89	0.027	0.95	7.78	0.87		83-0661	
							55	6	1	ARBU	97	0.018	0.98	6.35	0.59		83-0661	
							56	6	1	ARBU	99	0.018	0.92	7.04	0.73		83-0661	
							57	11	2	ARBU	98	0.015	0.96	18.97	0.58		83-0661	
							58	5	1	ARBU	97	0.020	0.92	4.09	0.58		83-0661	
							59	9	0	ARBU	81	0.055	0.95	14.30	1.36		83-0661	
OK-003	KA	SE1/4	27	27N	3E	Blake Stone Co.												
							1	7.5	2	CRSL	98	0.007	0.90	12.45	6.33		83-2326	
							2	5.8	2	CRSL	98	0.008	0.93	8.68	7.05		83-2326	
							3	3.8	2	CRSL	97	0.008	0.90	9.60	7.43		83-2326	
							4	4.9	2	CRSL	98	0.013	0.93	4.11	6.97		83-2326	
OK-004	OS	NW1/4	11	25N	8E	Sedan Limestone Co.	801607											
							1	5.5	2	LCMP	99	0.010	0.93	1.96	1.89		83-2328	
							2	4.5	2	LCMP	98	0.007	0.87	2.24	2.09		83-2328	
							3	2.9	1	LCMP	97	0.019	0.94	2.17	1.83		83-2328	
							4	5.7	0	LCMP	81	0.057	0.94	3.29	1.96		83-2328	
							5	4.4	2	LCMP	100	0.012	0.93	3.20	1.25		83-2328	
OK-005	NW	SE1/4	30	28N	16E	Peerless Materials Co.	809201											
							1	3	2	LNPH	97	0.011	0.94	27.22	2.63		88-0105	
							2	4.5	0	LNPH		0.107	0.81	35.16	5.21		88-0105	
							3	2.8	0	LNPH		0.156	0.80	36.48	4.08		88-0105	
							4	3.2	0	LNPH		0.120	0.79	52.70	4.72		88-0105	
							5	3.2	0	LNPH		0.111	0.84	36.37	3.37		88-0105	

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Quarry #	Legal Description	Material Source	Producer ID	Bed	Thickness (Feet)	Pav't Class	Geology Class	DF	% Exp	Mod F T	A I	% Abs	Wear GDB	Lab #	Last Visit
Co.	Parcel	Sec Twp Rng													
OK-006	RG	SW1/4	34 21N 14E	Anchor Stone Co.	836401										
						1	16	2	OLGH	98	0.001	0.94	6.73	2.54	31 92-1675
						2	31	2	OLGH	97	0.005	0.91	5.88	2.16	34 92-1675
						3	4.5	2	OLGH	97	0.007	0.91	8.75	3.35	33 92-1675
						4	9	0	OLGH	94	0.011	0.90	8.70	3.67	32 92-1675
						5	8	0	OLGH			0.83	4.33	3.21	37 92-1675
OK-008	OT		11 26N 23E	Kemp Stone Co.	838901										
						1	10.1	2	UORD	99	0.014	0.94	47.12	0.99	25 98-4890 11/10/1998
						2	8.8	0	UORD	95	0.029	0.97	9.22	1.18	25 98-4890 11/10/1998
						3	12	0	LORD	96	0.026	0.90	27.61	1.32	18 98-4890 11/10/1998
						4	5	1	LORD	99	0.021	0.98	21.05	1.86	27 98-4890 11/10/1998
						5	4.3	1	LORD	99	0.019	0.96	20.68	1.38	32 98-4890 11/10/1998